

# WIRE HARNESS

|                                   |              |                                    |              |
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# WIRE HARNESS INFORMATION

## General Information

### Description

Wire harness information contains basic introduction of circuit diagrams, inspection methods of cables and connectors, as well as layout of connector positions and wire harness positions, etc.

### Circuit Diagram Information

Circuit diagrams are classified into each chapter in Service Manual. If a component appears in a specific system, its related information (such as wire harness, connector, terminal, etc.) will appear in circuit diagram and be introduced in detail. For example, information of Engine Control Module (ECM) is mainly introduced in chapter 6. If component wire harnesses involve other systems, the component information will also appear in corresponding systems.

Chery automobile offers related circuit diagram information of vehicle electrical equipment to help technicians determine and detect vehicle malfunctions effectively.

Functions and features of circuit diagram:

- Power supply circuit is on the top of page, while ground circuit is at the bottom.
- Components (such as switches and fuses) are shown in circuit diagram in form of simple icon.

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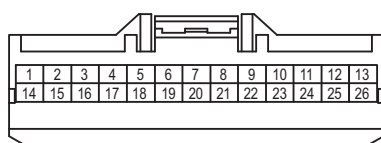
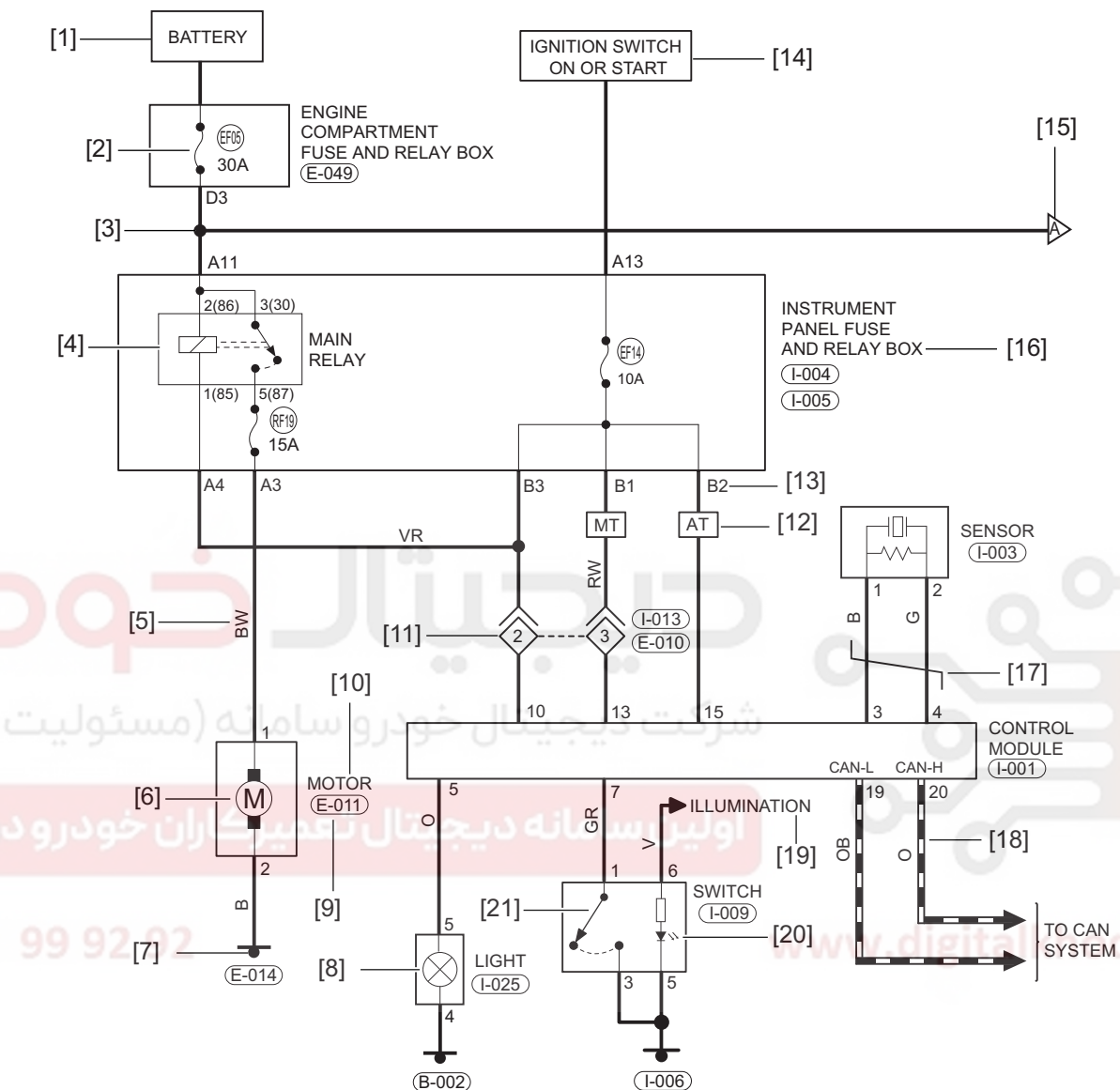
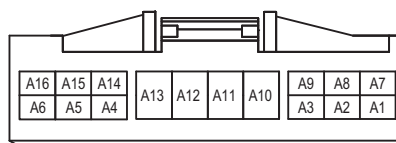
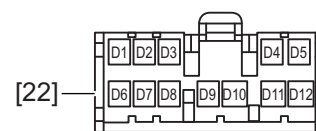


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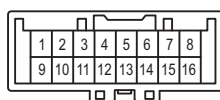
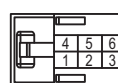
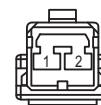
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## Circuit Diagram Instruction

## EXAMPLE

I-001  
WI-004  
W

[22]

E-049  
WI-013  
WE-011  
GrI-009  
WI-003  
W

EA13T550000

The following is a list of symbols defined in circuit diagram.

| No.  | Definition     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [1]  | Battery        | It indicates power supply from battery positive to electrical equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [2]  | Fuse           | This symbol indicates a fuse; "EF05" indicates fuse number; "30A" indicates rated amperage of this fuse.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [3]  | Splice Point   | The solid circle indicates that each intersecting wire is interconnected.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| [4]  | Relay          | This symbol indicates a relay; "MAIN RELAY" indicates relay name; "1", "2", "3" and "5", or "85", "86", "87" and "30" indicate terminal numbers of relay.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| [5]  | Color          | It indicates color of this wire. Color codes are as follows:<br>B = Black;<br>W = White;<br>R = Red;<br>G = Green;<br>L = Blue;<br>Y = Yellow;<br>Br = Brown;<br>O = Orange;<br>Gr = Gray;<br>P = Pink;<br>V = Violet;<br>Lg = Light Green.<br>For example: "BrR" indicates the main color is brown in wire color and second color is red.                                                                                                                                                                                                                                                                                                        |
| [6]  | Motor          | This symbol indicates a motor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| [7]  | Ground Point   | It indicates ground connection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| [8]  | Light Bulb     | This symbol indicates a light bulb.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| [9]  | Connector No.  | "E-011" indicates connector code of this component. The letter "E" indicates wire harness code in which the connector is located. Connector codes are as follows:<br>E = Engine Wire Harness and Engine Compartment Wire Harness;<br>I = Instrument Panel Wire Harness;<br>B = Body Wire Harness;<br>F = Front Left Door Wire Harness;<br>H = Front Right Door Wire Harness;<br>L = Rear Left Door Wire Harness;<br>R = Rear Right Door Wire Harness;<br>C = Roof Wire Harness;<br>J = Rear Bumper Wire Harness;<br>K = A/C Wire Harness;<br>A = Airbag Wire Harness;<br>P = Battery Positive Wire Harness;<br>N = Battery Negative Wire Harness; |
| [10] | Component Name | It indicates name of component.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| No.  | Definition              | Description                                                                                                                                                                                                                                                                                                   |
|------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [11] | Connector               | It indicates junction connectors. "Λ" is female connector and "I-013" is applicable number; "◇" is male connector and "E-010" is applicable number. Number "2" and "3" inside male connector indicates the used terminal number. "----" indicates different terminals come from the same junction connectors. |
| [12] | Vehicle Model           | "AT" indicates it is for AT model, "MT" indicates it is for MT model.                                                                                                                                                                                                                                         |
| [13] | Terminal No.            | It indicates terminal number in connector of this component.                                                                                                                                                                                                                                                  |
| [14] | Ignition Switch         | It indicates power supply from ignition switch to electrical equipment.                                                                                                                                                                                                                                       |
| [15] | Connected to ...        | It indicates that wire harness is connected to the circuit diagram on next page. Letter "A" is connected with "A" in the circuit diagram on next page.                                                                                                                                                        |
| [16] | Fuse and Relay Box Name | It indicates the name of fuse and relay box.                                                                                                                                                                                                                                                                  |
| [17] | Twisted-pair            | It indicates that two wires are twisted.                                                                                                                                                                                                                                                                      |
| [18] | CAN                     | It indicates CAN wire is used to communicate. It is connected to CAN system.                                                                                                                                                                                                                                  |
| [19] | Backlight Power Supply  | It indicates illumination power supply outputs from BCM.                                                                                                                                                                                                                                                      |
| [20] | LED                     | It is used for indicators, warning lights or illuminations in switches or instrument cluster.                                                                                                                                                                                                                 |
| [21] | Switch                  | This symbol indicates a switch.                                                                                                                                                                                                                                                                               |
| [22] | Connector View          | It indicates the cross section of connector and description of terminal number.                                                                                                                                                                                                                               |
| [23] | Connector Color         | Letter "W" indicates the color of connector. Color codes are the same as above.                                                                                                                                                                                                                               |

## Electrical Troubleshooting

### Wire Harness Troubleshooting

Following 6 steps is helpful to troubleshoot the wire harness. Be sure to check non-original components added to vehicle before performing any diagnosis. If vehicle is equipped with these components, disconnect them to verify these added components are not the cause of problem.

Perform following steps when troubleshooting wire harness:

1. Verify problem.
2. Look for any related symptom (by inspecting components in the same circuit).
3. Analyze symptom (use wire harness diagram to determine current flowing direction, areas where problems most likely occur and area where diagnosis will continue).
4. Isolate problem area.
5. Repair problem area.
6. Check for proper operation (in this step, check all items in repaired circuit for proper operation).

### Voltage Test

1. Ground the negative probe (black) of voltmeter.
2. Connect positive probe (red) of voltmeter to selected measuring point (turn ignition switch to ON as necessary). Check voltage value displayed on voltmeter.

### Circuit Continuity Test

1. Turn off all electrical equipment and the ignition switch, and disconnect the negative battery cable.
2. Remove the circuit to be tested.
3. Connect two probes of ohmmeter to two ends of circuit to be tested respectively, and check for circuit continuity (low resistance means there is good continuity in circuit).

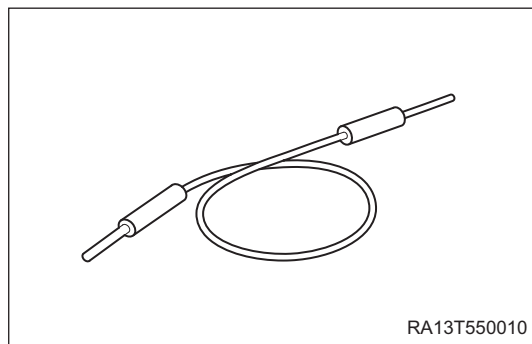
### Short Circuit Test

1. Measure and record battery voltage.
2. Pull out fuse of circuit to be tested or disconnect power supply end of test circuit.
3. Connect positive probe (red) of voltmeter to positive battery terminal and negative probe (black) to power supply end of circuit.
4. Check voltage value displayed on the voltmeter. If voltage value of battery is displayed, it indicates that test circuit is short to ground.

## Electrical Troubleshooting Tools

### 1. Jumper Wire

Jumper wire is used to create a temporary circuit. Connect jumper wire between terminals of a circuit to bypass a switch.

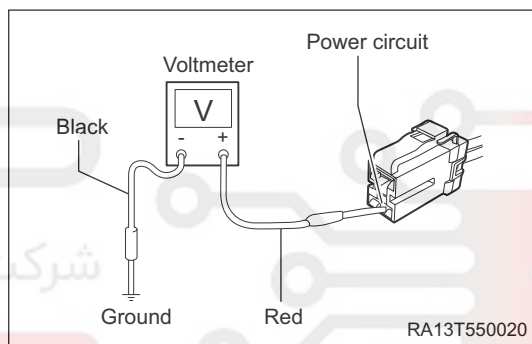


#### CAUTION

- DO NOT connect a jumper wire from power supply end to body ground, as this may damage wire harnesses or electrical components.

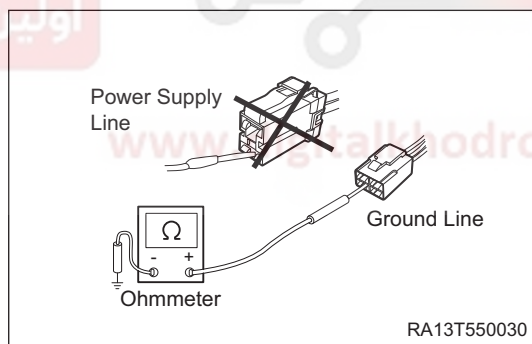
### 2. Voltmeter

Voltmeter is used to measure circuit voltage. Measurement range should be higher than 15 V. Measure voltage by connecting positive probe (red) of voltmeter to positive lead of test component and negative probe (black) to negative lead or body ground.



### 3. Ohmmeter

Ohmmeter is used to measure resistance between two points in a circuit, or to check circuit for open or short.



#### CAUTION

- DO NOT connect ohmmeter to a circuit when applying voltage to circuit, as this may result in inaccurate measured data or even damaging ohmmeter.

## Electrical Repair

### Wire Harness Repair

#### CAUTION

- Measure length of lead to be repaired and select a proper substitute lead before servicing.
- If there are several leads to be repaired, please stagger the repaired parts.

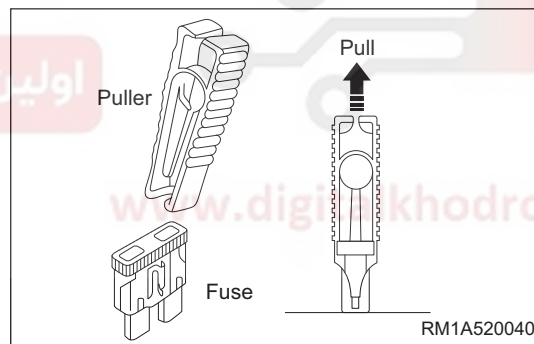
1. Peel off 0.5 inch insulating layer from lead to be repaired and substitute lead.
2. Connect original lead to substitute lead with heat shrink tube and compress metal core of heat shrink tube with a tool, so that the original lead and substitute lead can be connected firmly.
3. Heat the heat shrink tube to shrink its outer rubber layer and ensure that sealing of repaired area is in good condition.
4. Wrap the repaired lead with insulating tape.

### Fuse Replacement

#### CAUTION

- Energizing test should be performed after replacing fuse. If the fuse is blown again, check corresponding circuit for short. If any electrical equipment or additional device which exceeds rated current is installed, replace it with a fuse with higher amperes.

1. Turn off all electrical equipment and the ignition switch before servicing.
2. Remove the blown fuse with a fuse puller.

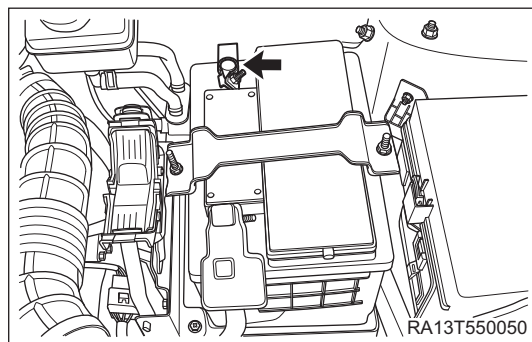


3. Replace fuse with a new one which has the same specification.

## Electrical Components

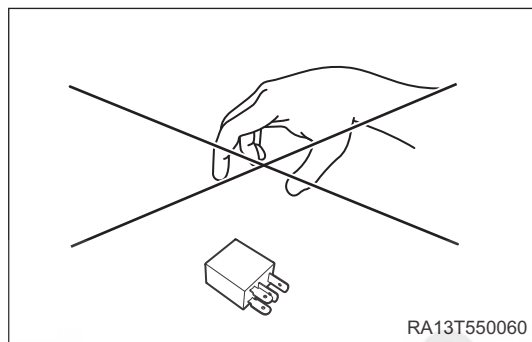
### 1. Battery Cable

Disconnect the negative battery cable (arrow) before servicing electrical components.



### 2. Sensor, Switch and Relay

Do not drop or tap sensor, switch or relay to avoid damaging components during servicing.



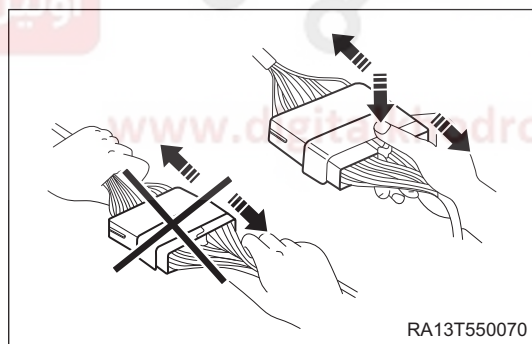
#### CAUTION

- Use relay of same specification with original one during replacement.

### 3. Connector

#### a. Disconnect the connector.

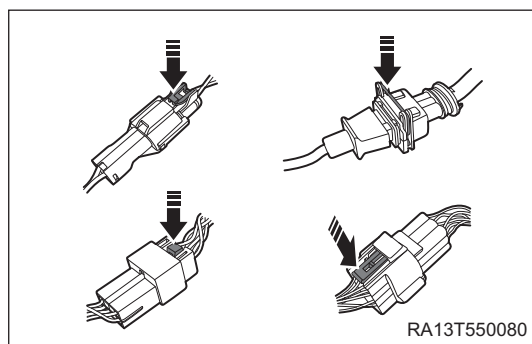
Hold connector by hand and press connector clip to disconnect it.



#### CAUTION

- DO NOT pull wire harness forcibly to avoid damaging components when disconnecting connectors.

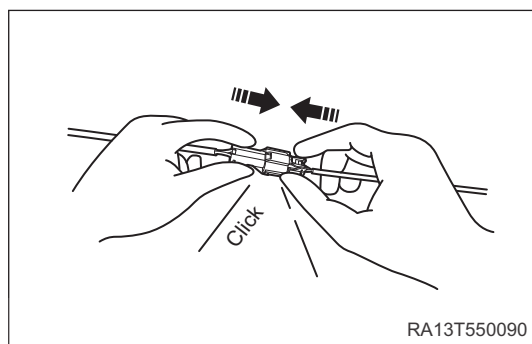
There are a variety of ways to fix connector clip, and common disconnection methods are shown in illustration.



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b. Install the connector.

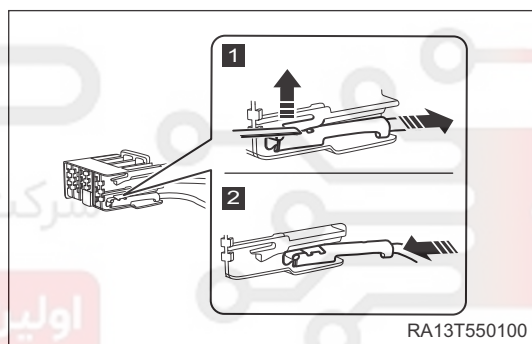
A "click" sound can be heard when a connector is installed in place.



c. Replace the connector terminal.

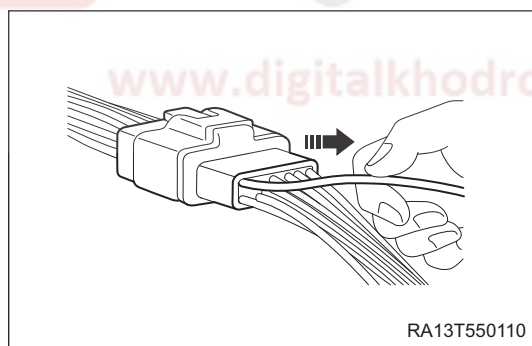
As shown in illustration (1), insert a suitable tool into terminal to lift up fixing clip, and then pull out terminal from behind.

During installation, push terminal from back of connector to ensure that fixing clip is fitted in place as shown in illustration (2).



d. Check the connector terminal.

Pull a single terminal wire gently to check if it is installed in place.



## VEHICLE POWER DISTRIBUTION

### General Information

#### Description

55

Power distribution system provides secure, reliable and efficient power for all electrical equipment on entire vehicle.

Power distribution system consists of following components:

- Battery
- Engine compartment fuse and relay box
- Instrument panel fuse and relay box
- Ignition switch
- Fuse
- Relay

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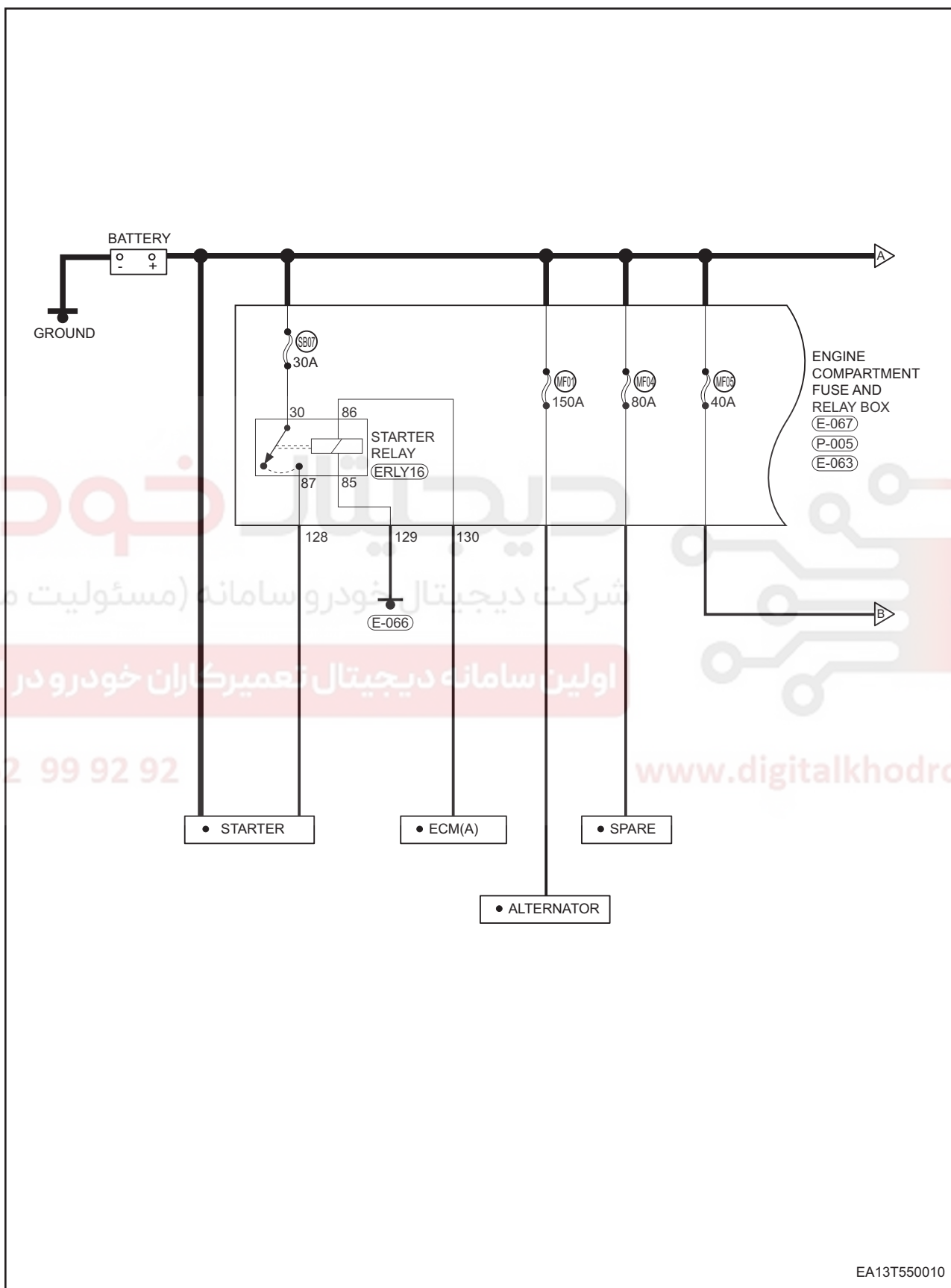
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# Circuit Diagram

## Power Distribution

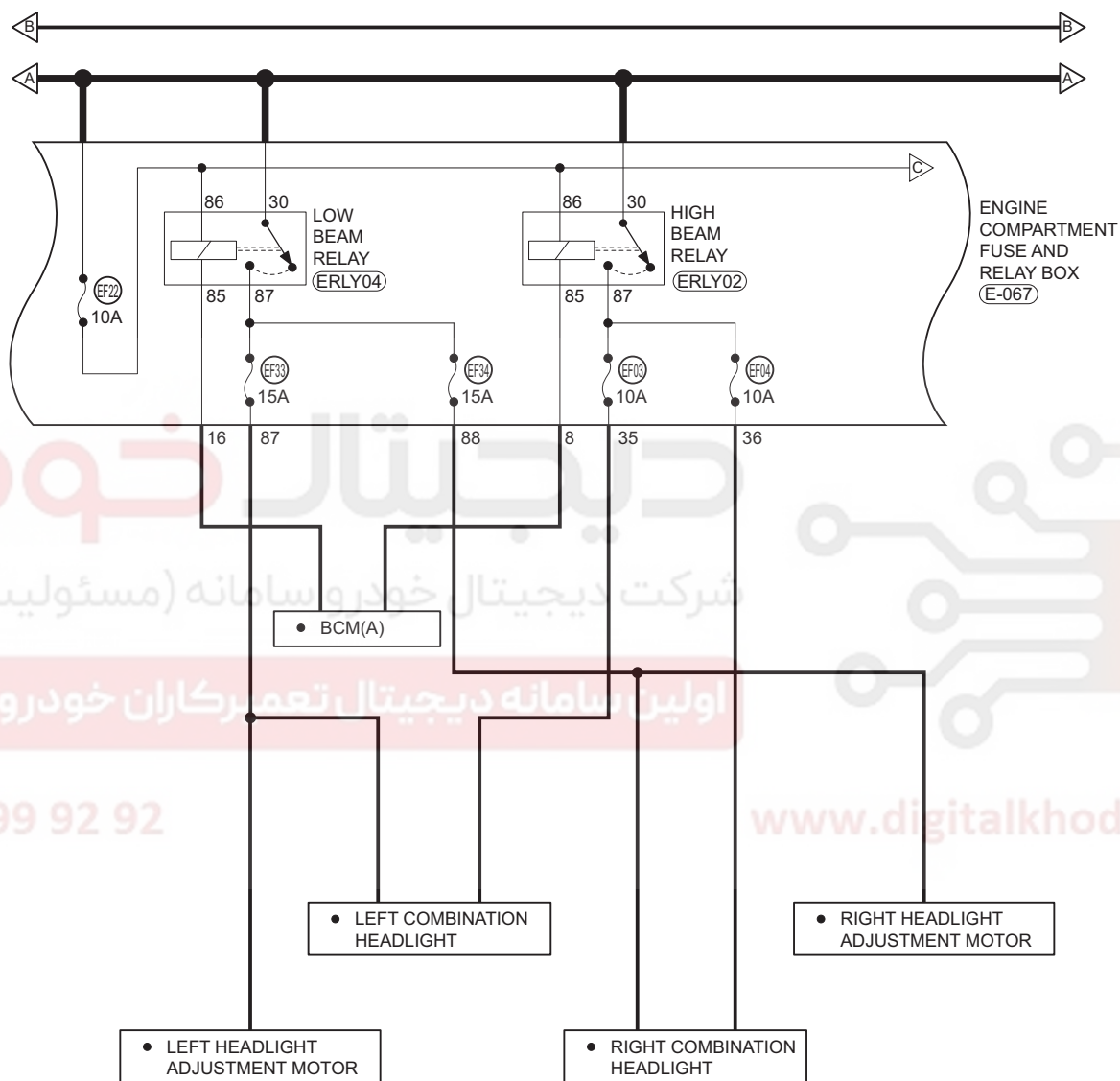
Circuit Diagram (Page 1 of 10)



EA13T550010

## Circuit Diagram (Page 2 of 10)

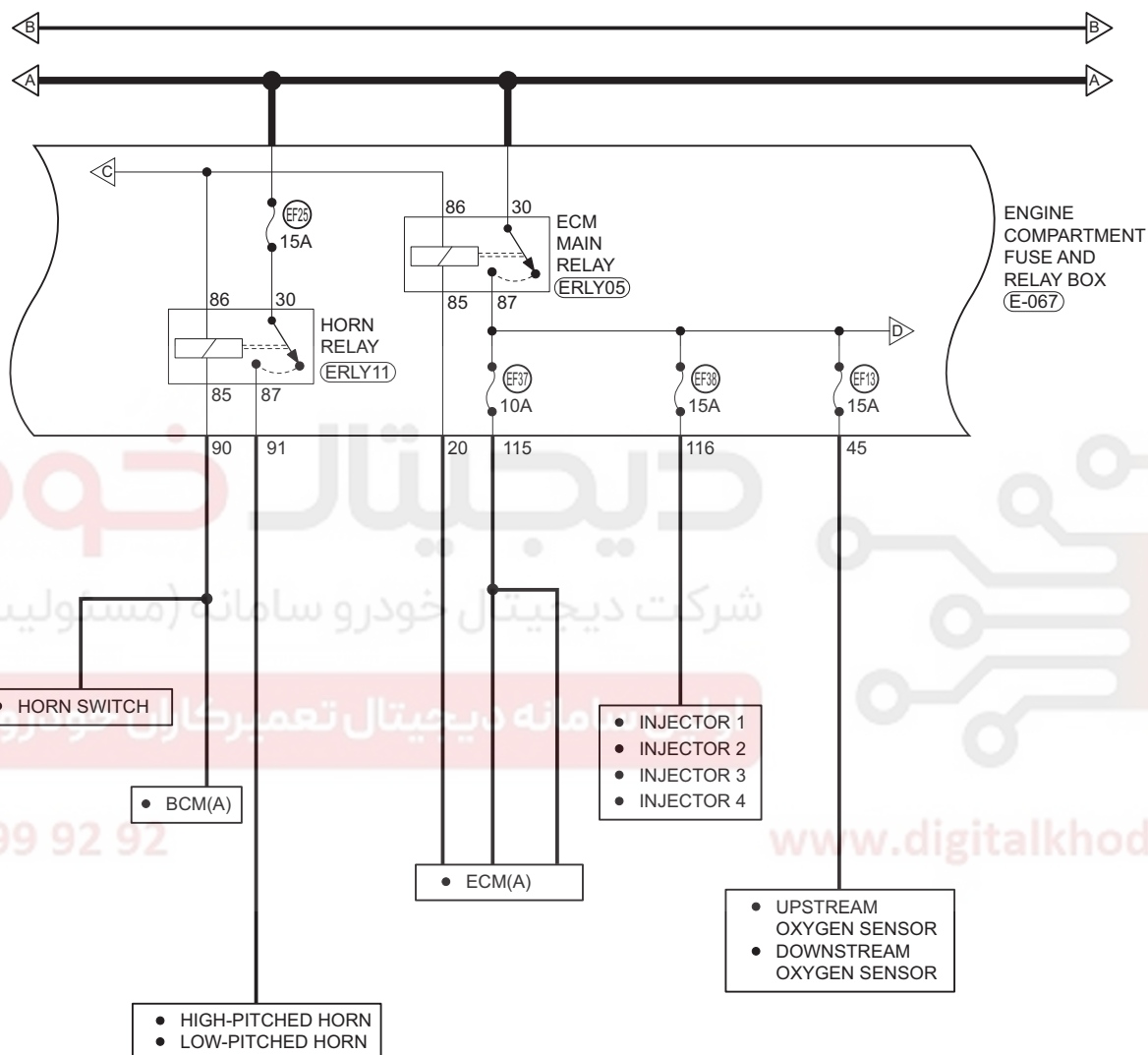
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EA13T060020

## Circuit Diagram (Page 3 of 10)

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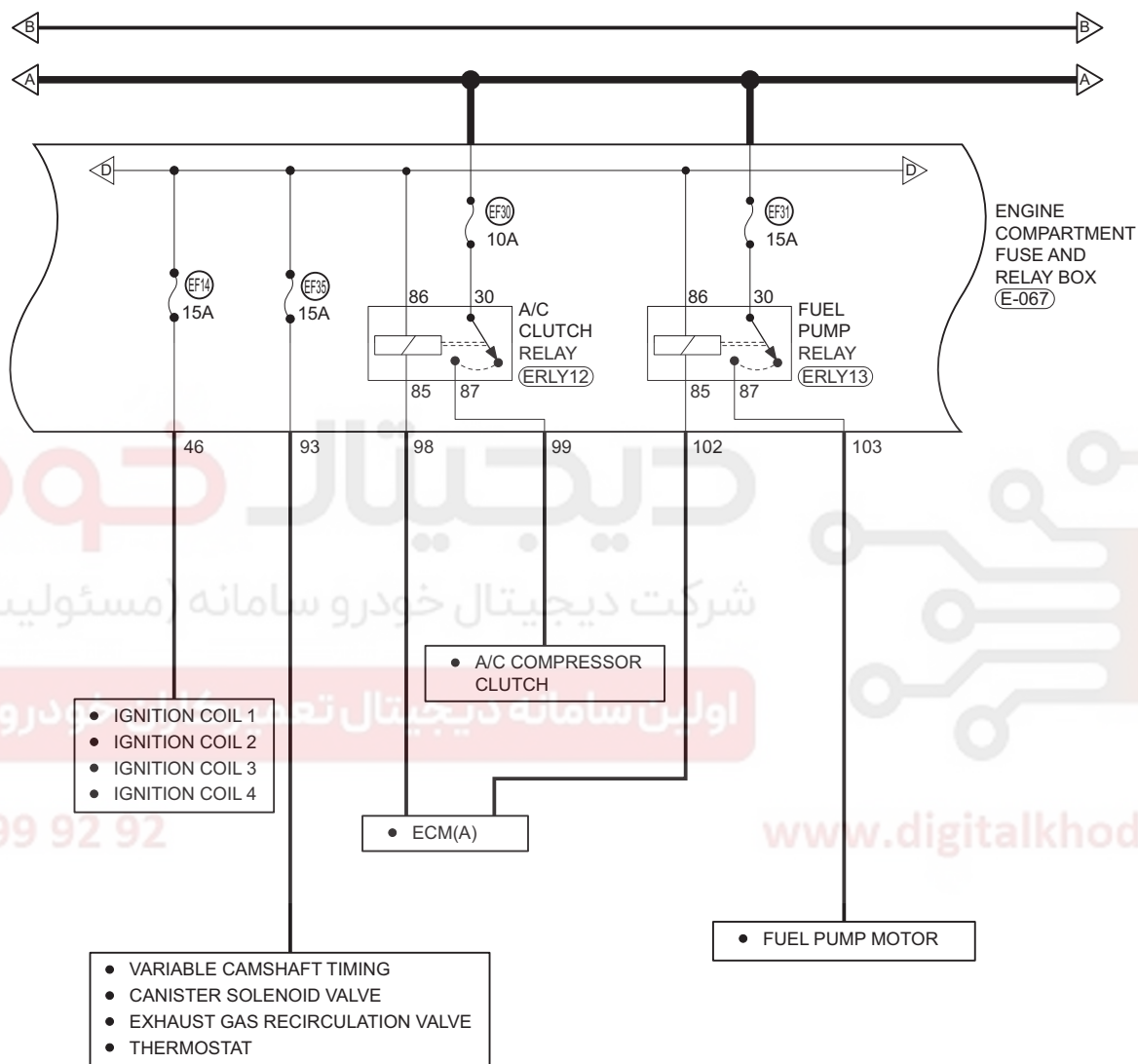


EA13T550030



## Circuit Diagram (Page 4 of 10)

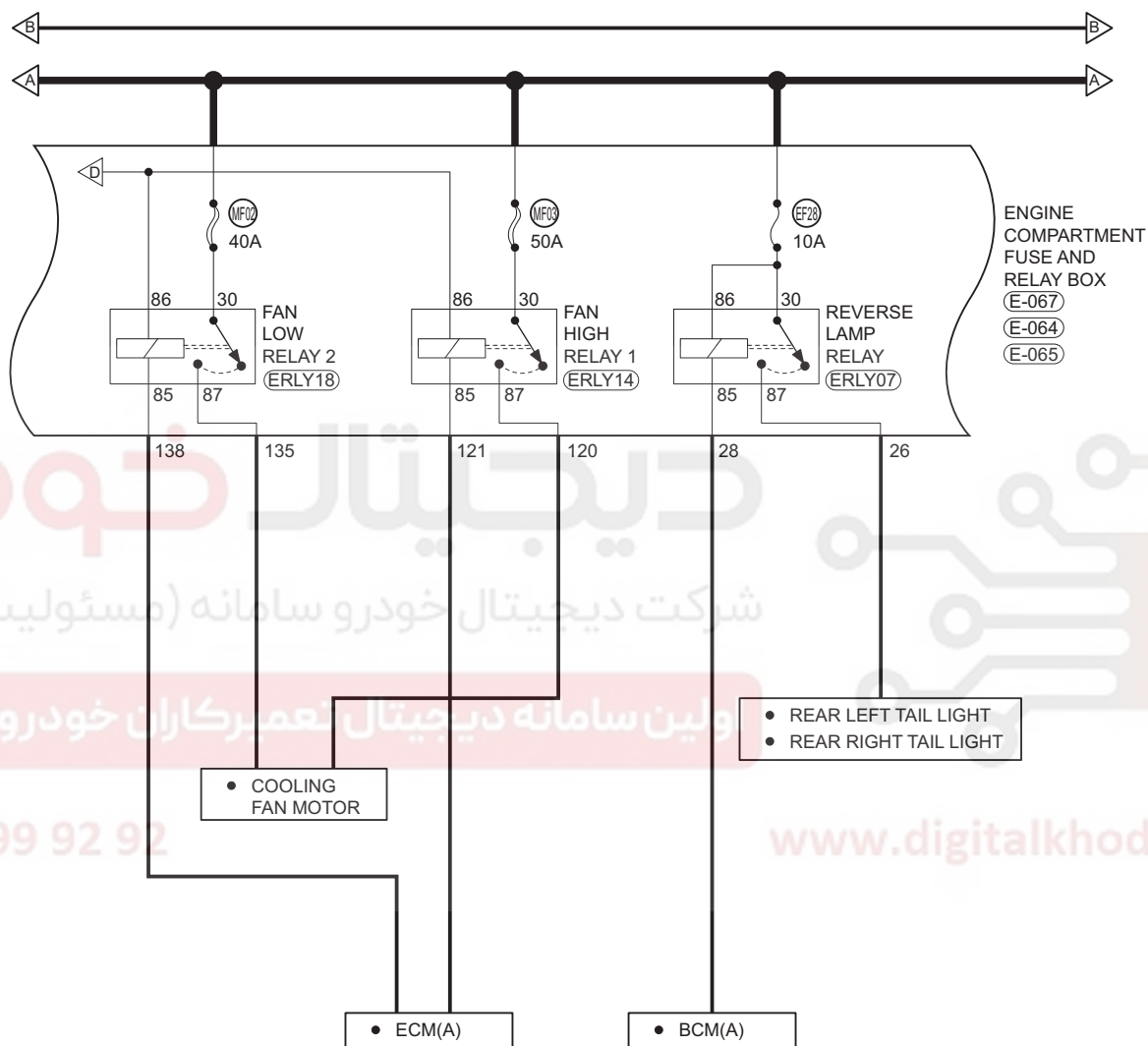
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EA13T550040

## Circuit Diagram (Page 5 of 10)

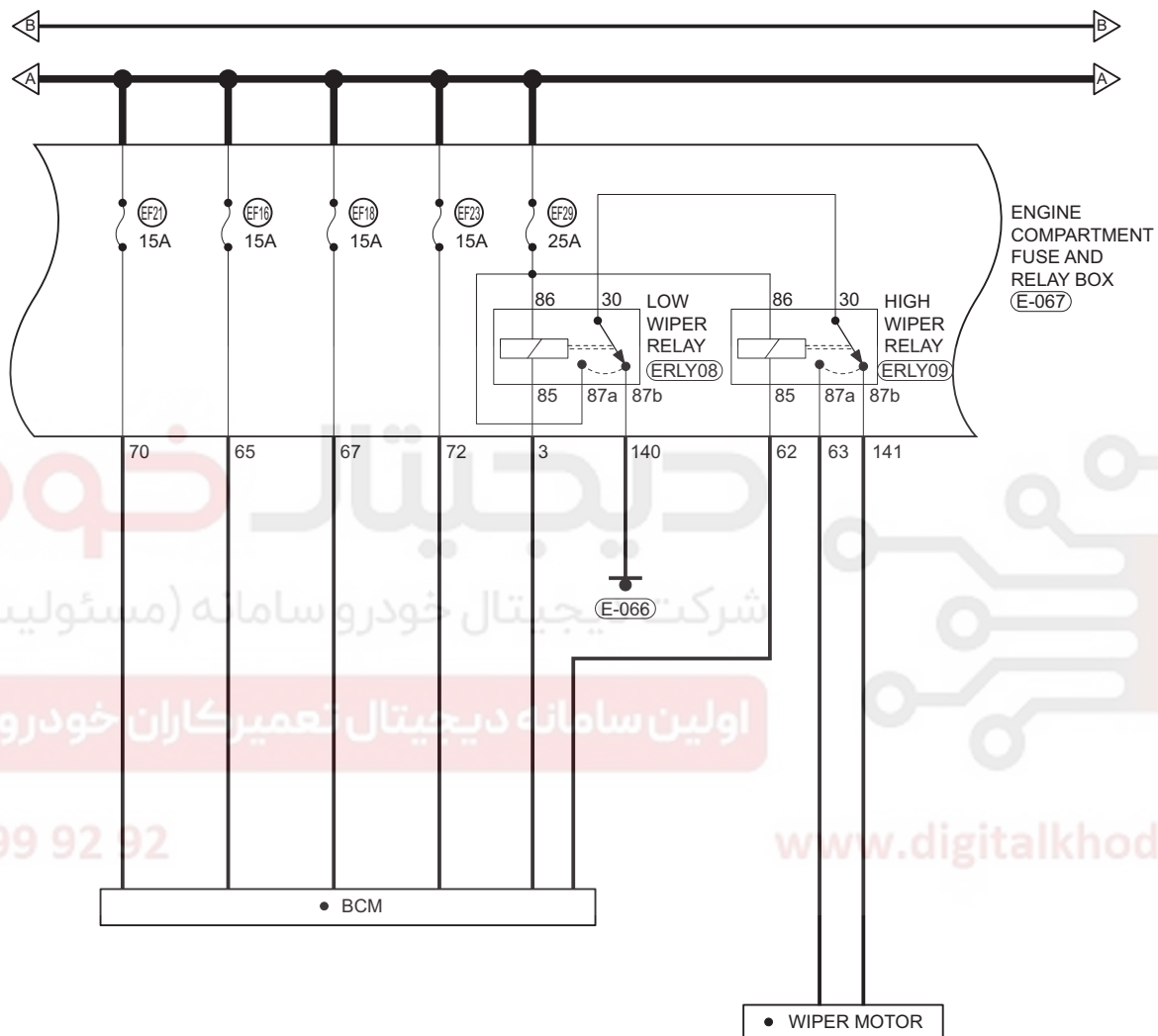
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EA13T550050



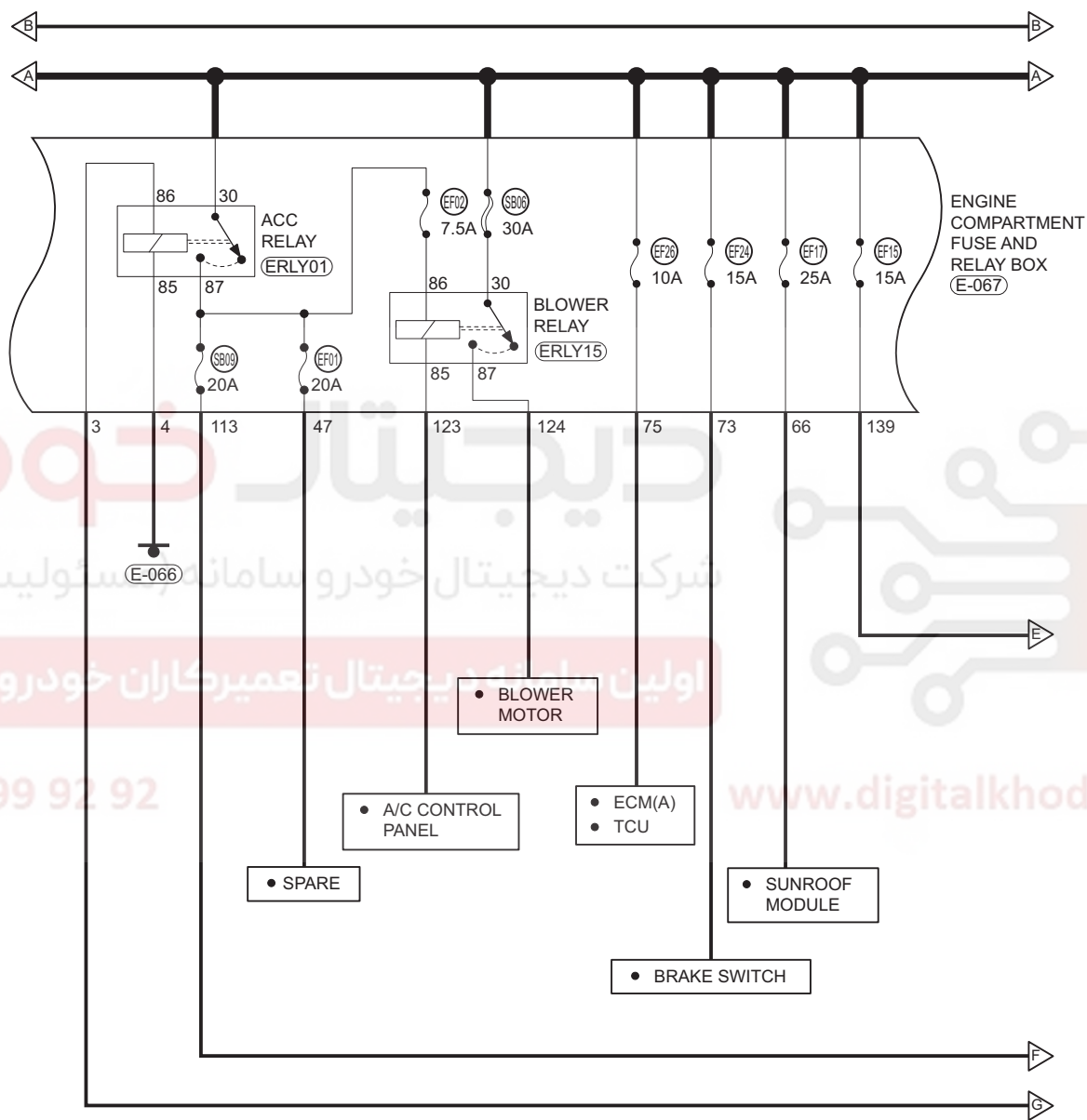
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EA13T550060

Circuit Diagram (Page 7 of 10)

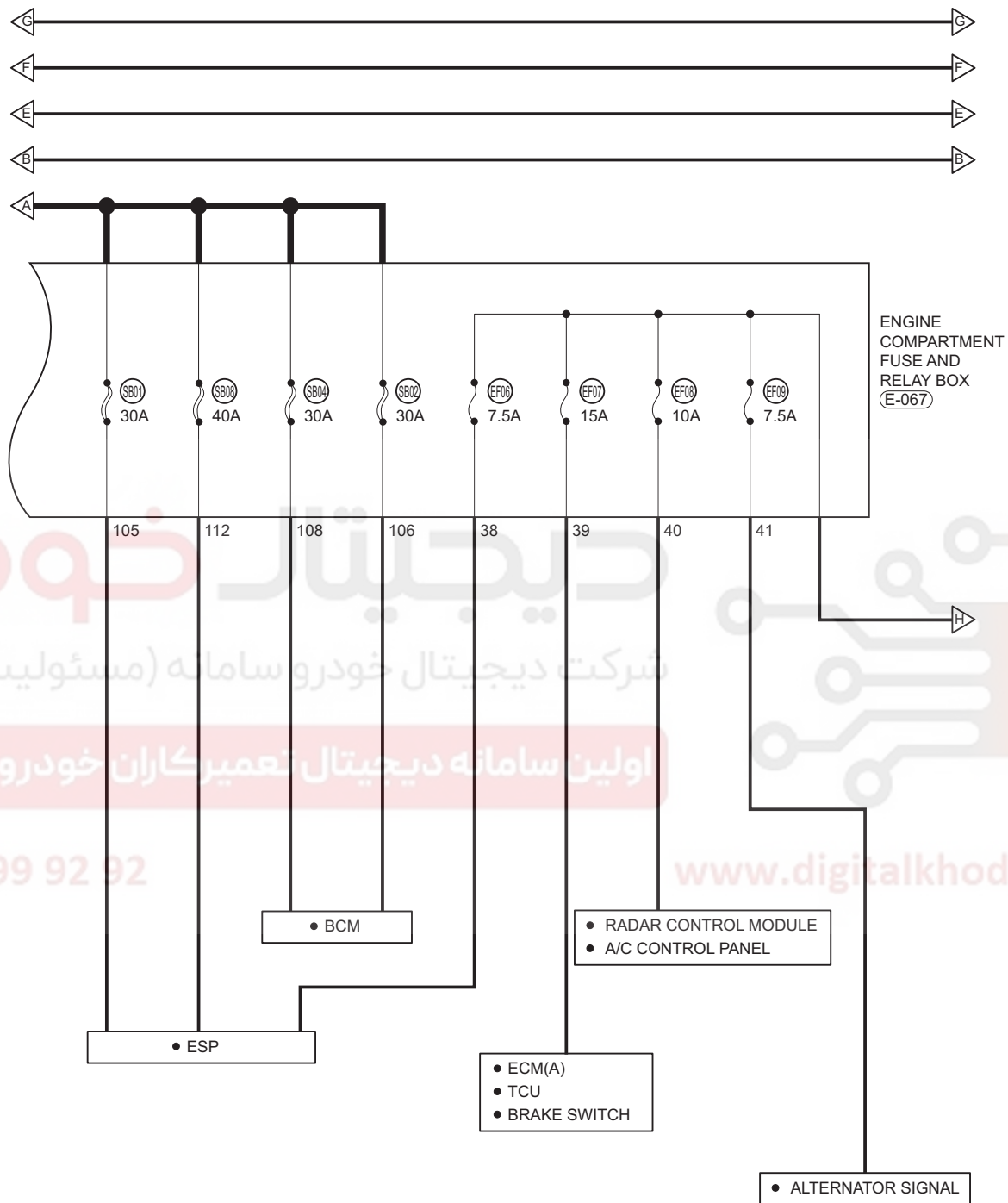
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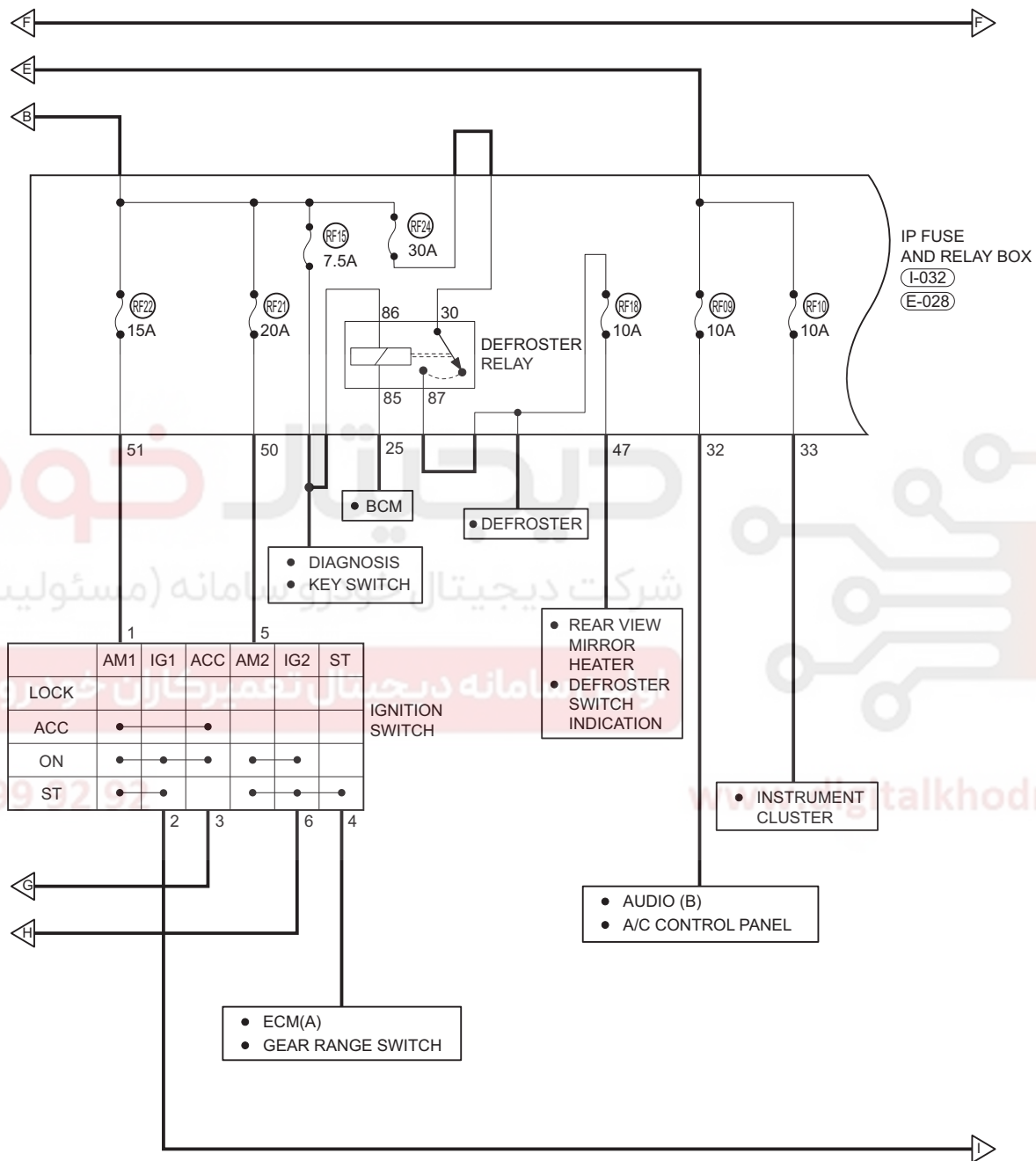
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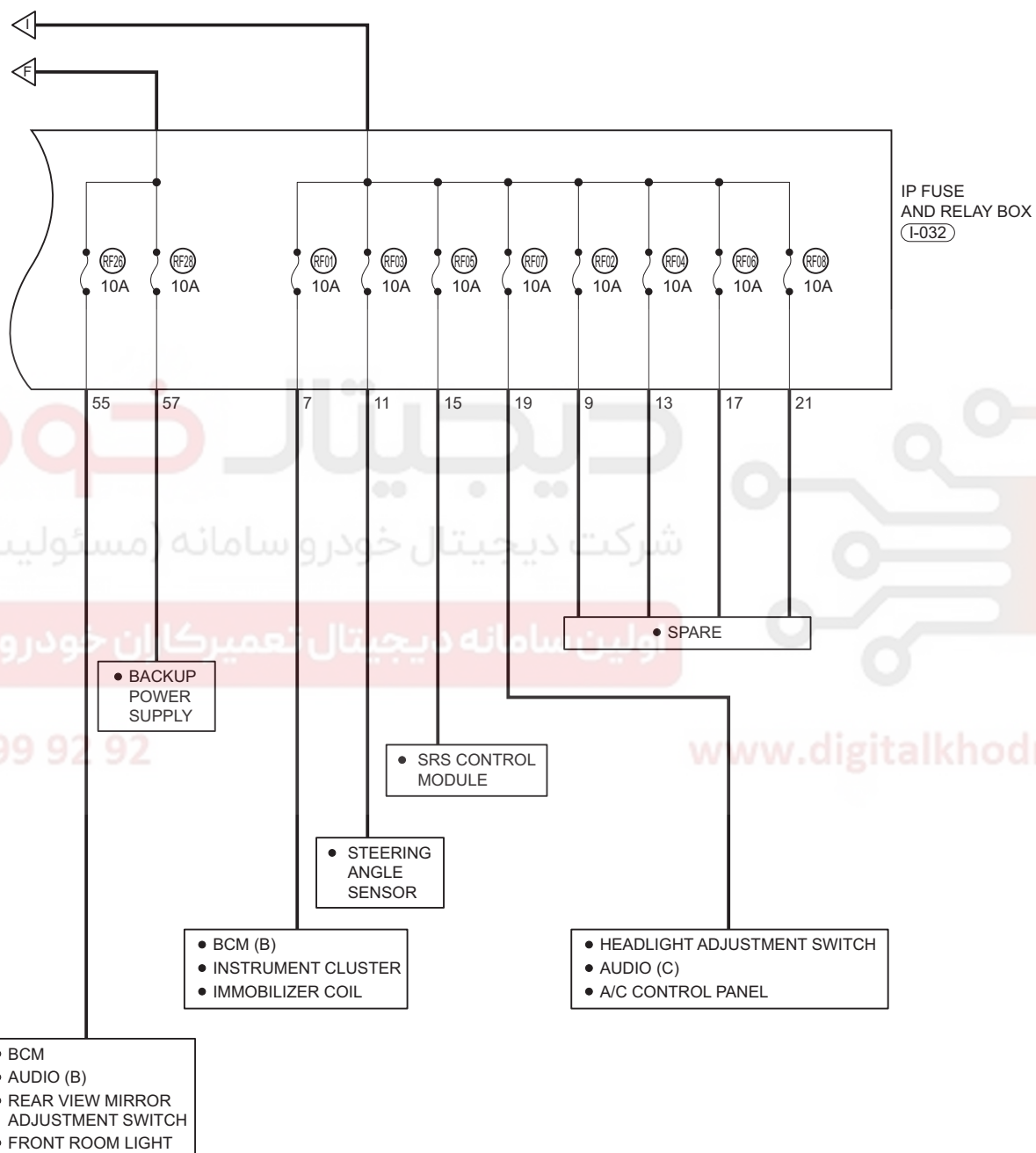
EA13T550080

Circuit Diagram (Page 9 of 10)

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EA13T550090



EA13T550100

# VEHICLE GROUND DISTRIBUTION

## General Information

### Description

Ground distribution system provides centralized and convenient information about ground positions for electrical equipment on entire vehicle. Technicians can find relevant electrical equipment quickly through ground points and solve problem accurately and efficiently.

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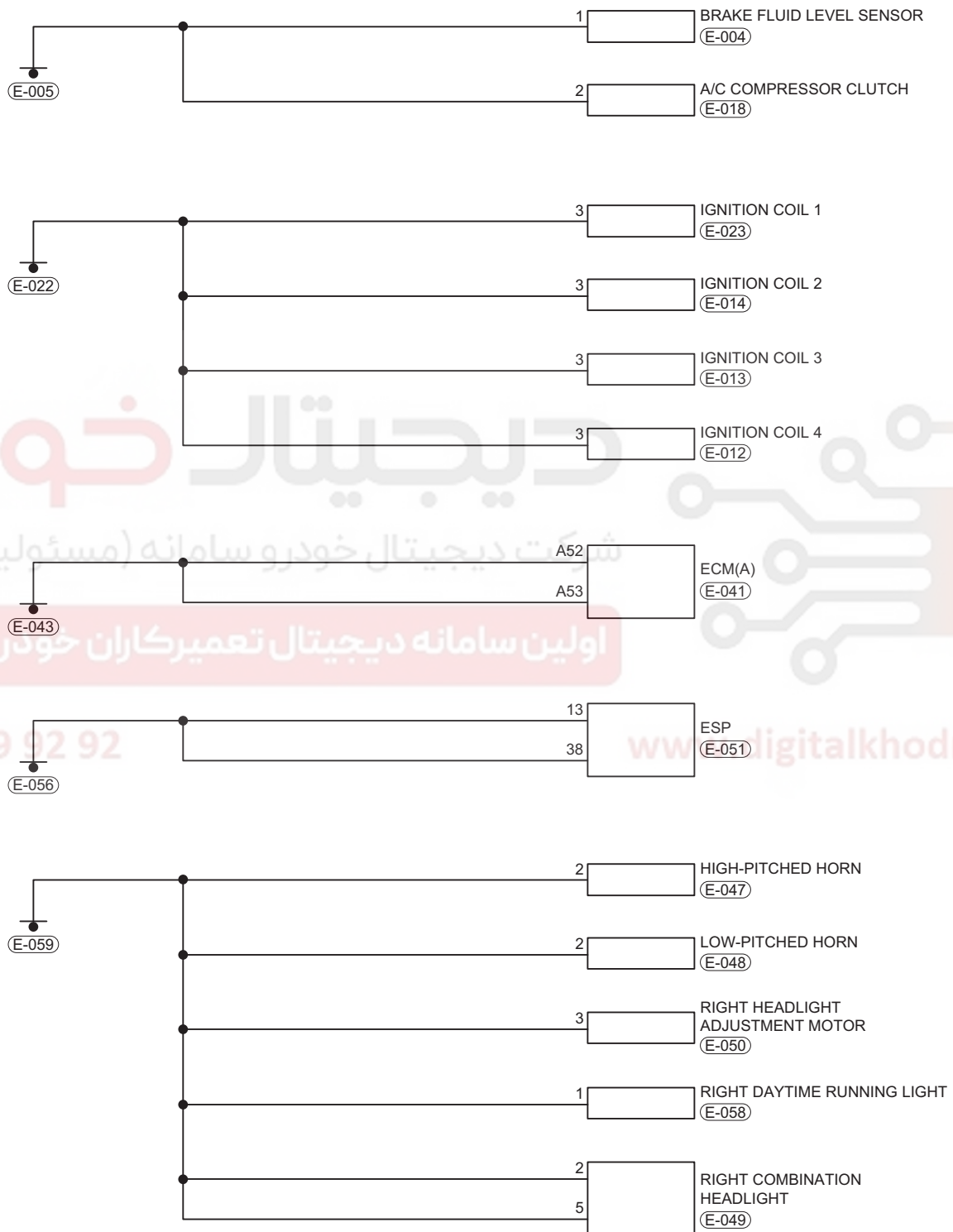
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# Circuit Diagram

## Ground Distribution

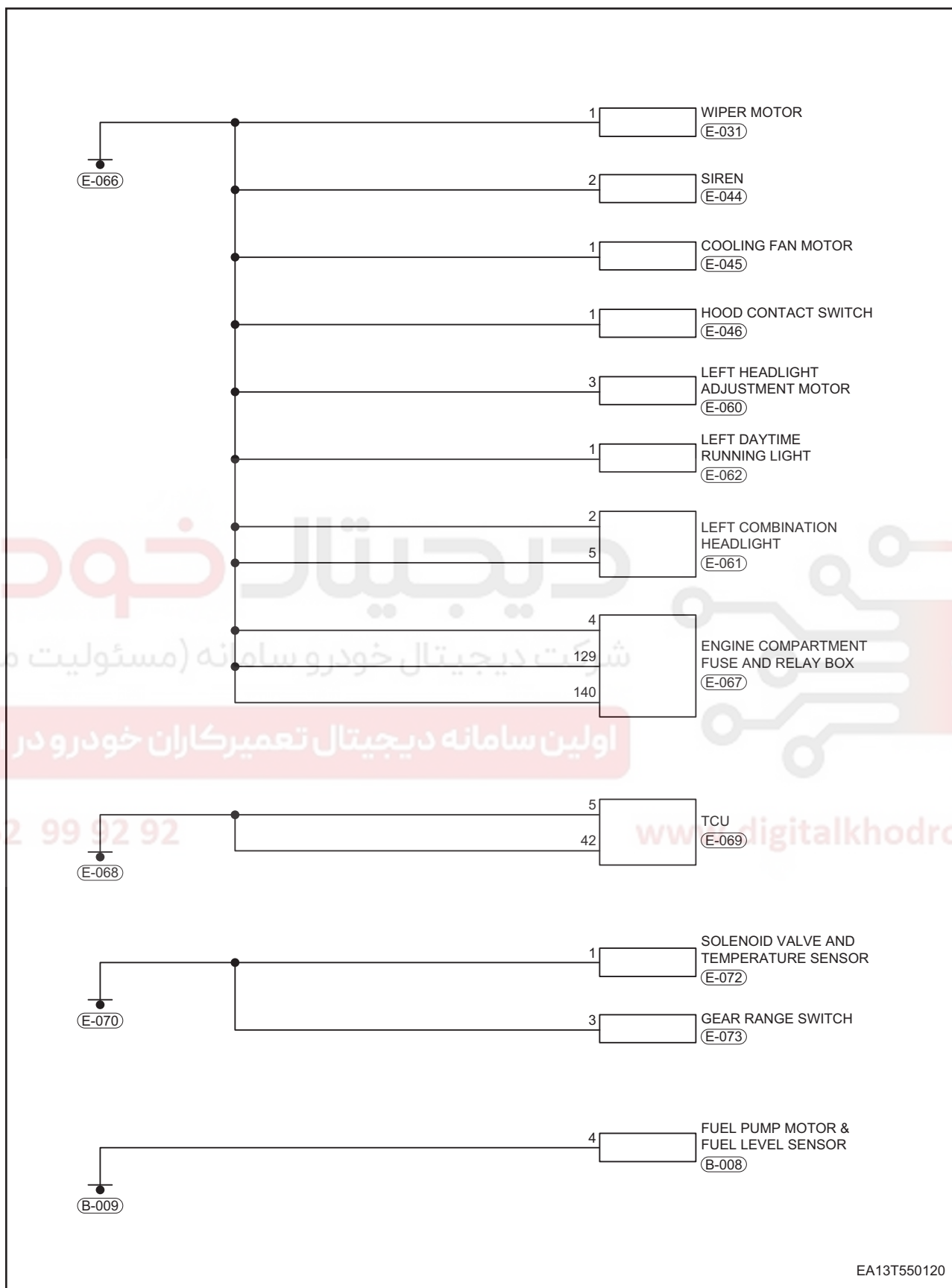
Circuit Diagram (Page 1 of 5)

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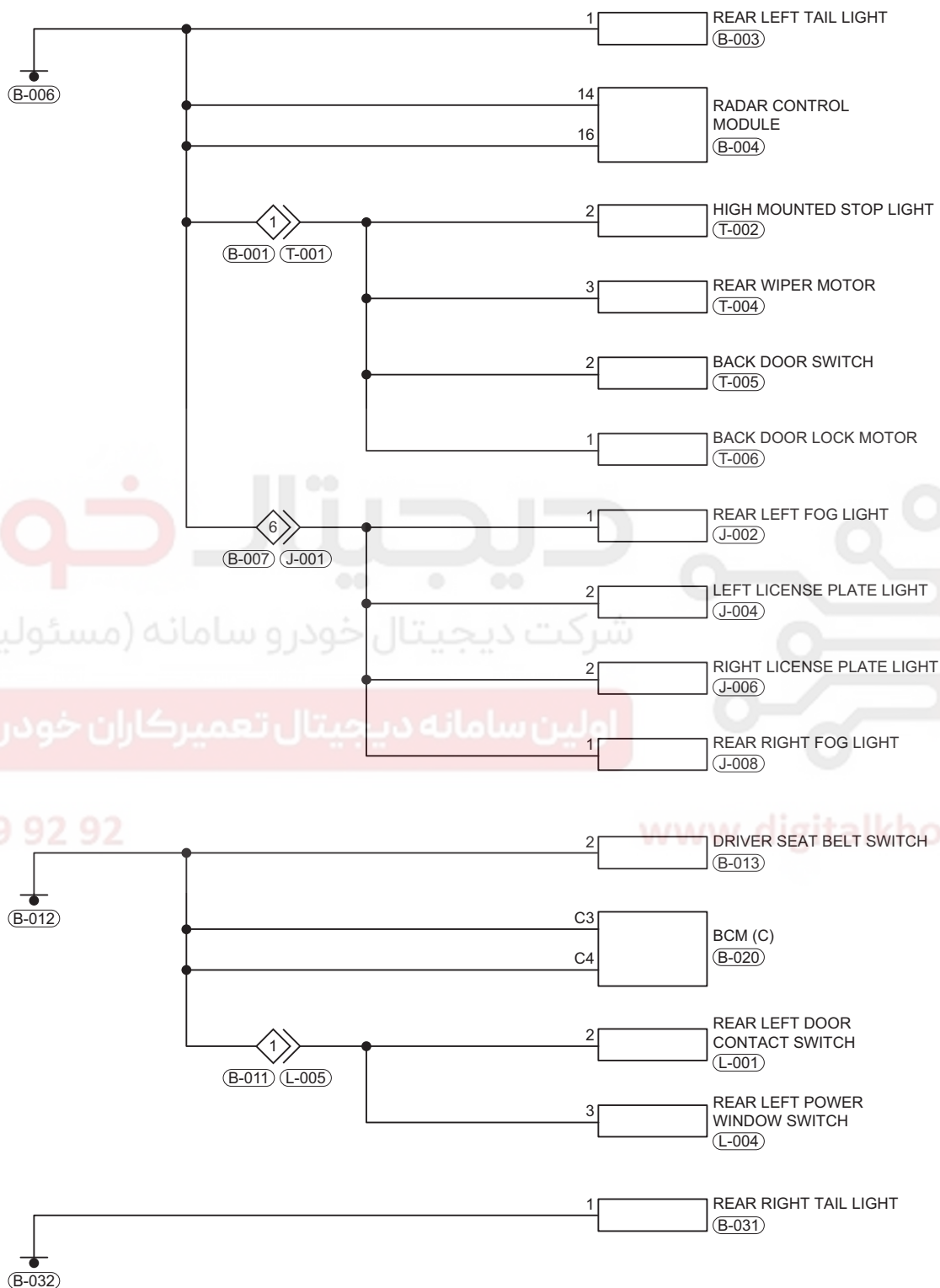
EA13T550110

Circuit Diagram (Page 2 of 5)



## Circuit Diagram (Page 3 of 5)

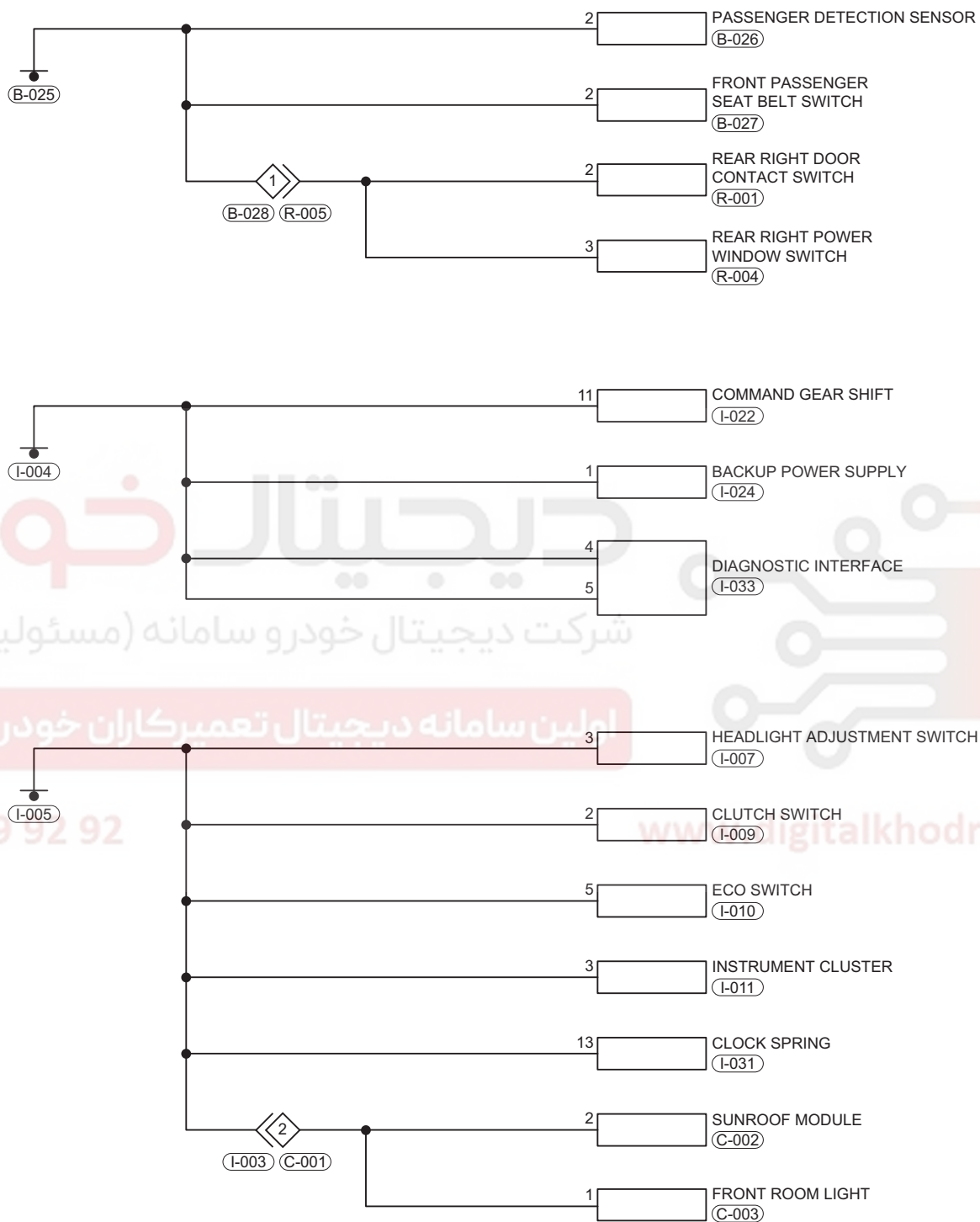
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EA13T550130

Circuit Diagram (Page 4 of 5)

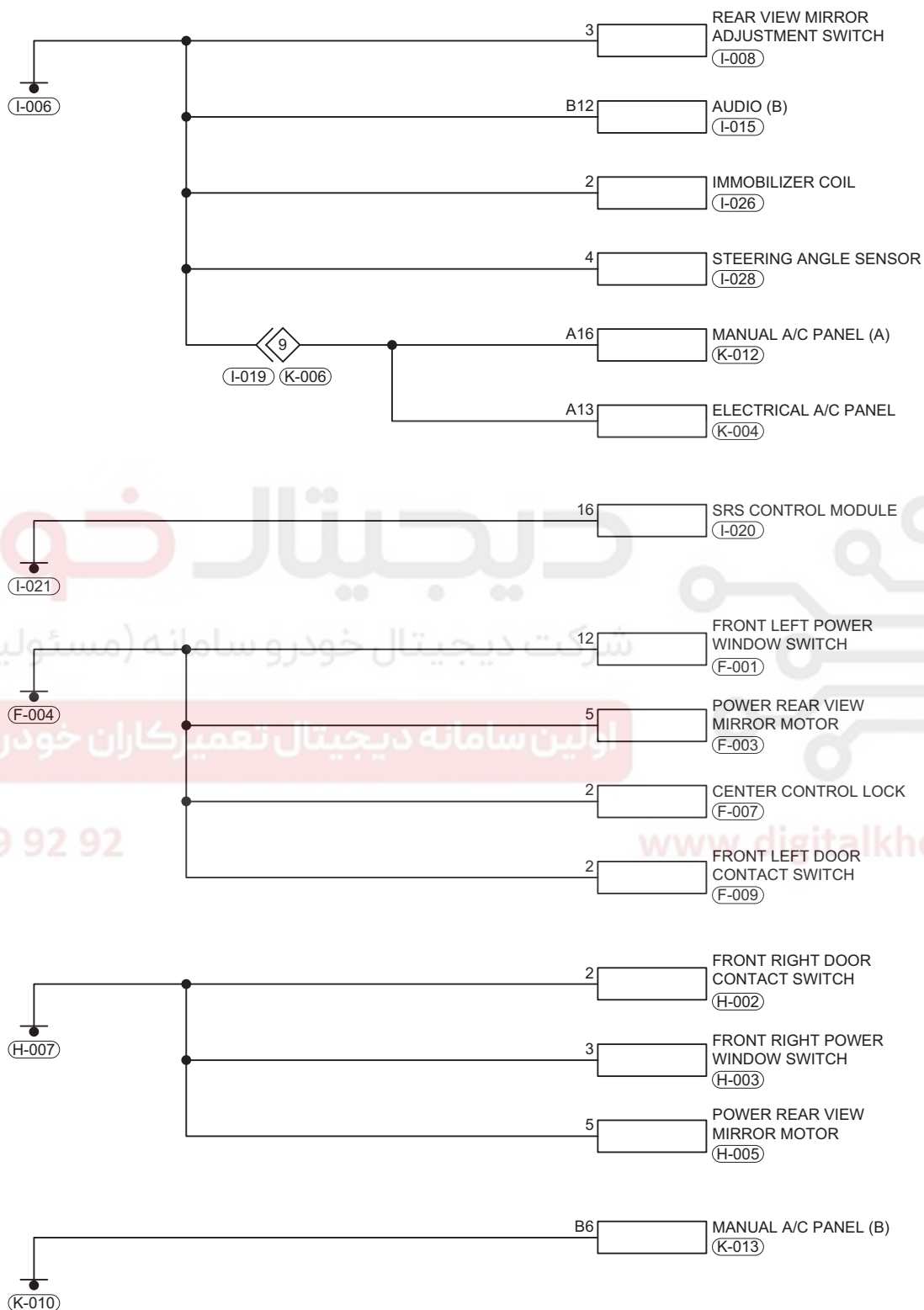
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EA13T550140

## Circuit Diagram (Page 5 of 5)

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EA13T550150

## VEHICLE FUSE & RELAY

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### General Information

#### Description

Each system should be equipped with fuses and relays to ensure normal operation of vehicle electrical system. Fuses and relays are integrated into fuse and relay boxes which are installed in the following specific positions of vehicle:

Engine compartment fuse and relay box: located at left side of engine compartment and rear side of front left combination light.

Instrument panel fuse and relay box: located at lower left side of instrument panel.

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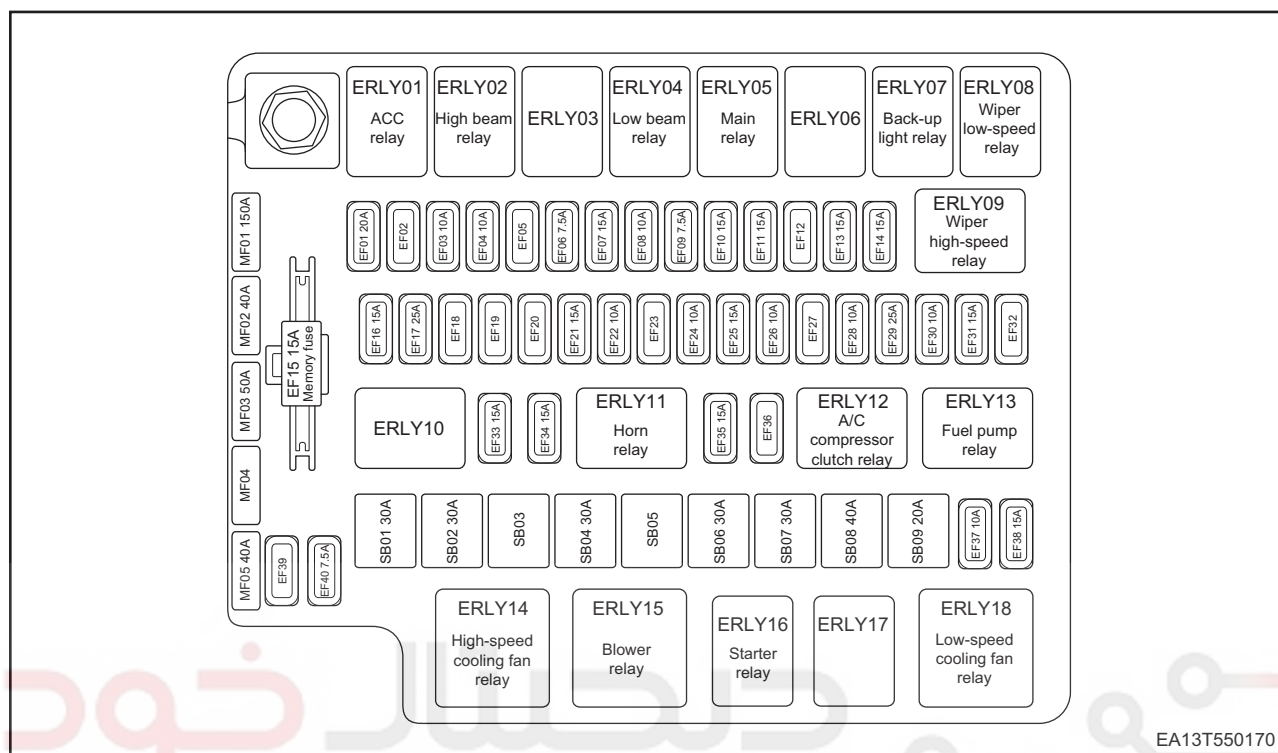
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## Fuse & Relay

### Engine Compartment Fuse and Relay Box

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| No.  | Description                     | No.  | Description        | No.  | Description    |
|------|---------------------------------|------|--------------------|------|----------------|
| EF01 | Spare                           | EF19 | -                  | EF37 | ECM            |
| EF02 | -                               | EF20 | -                  | EF38 | Fuel Injector  |
| EF03 | Left High Beam                  | EF21 | BCM                | EF39 | -              |
| EF04 | Right High Beam                 | EF22 | Coil Power Supply  | EF40 | Blower Relay   |
| EF05 | -                               | EF23 | -                  | SB01 | ESP/ABS        |
| EF06 | ESP/ABS                         | EF24 | Brake Switch       | SB02 | BCM            |
| EF07 | ECM/TCU (AT Model)/Brake Switch | EF25 | Horn               | SB03 | -              |
| EF08 | A/C Switch/ Reversing Radar     | EF26 | ECM/TCU (AT Model) | SB04 | BCM            |
| EF09 | Alternator Excitation           | EF27 | -                  | SB05 | -              |
| EF10 | BCM                             | EF28 | Back-up Light      | SB06 | Blower         |
| EF11 | BCM                             | EF29 | Wiper              | SB07 | Starter        |
| EF12 | -                               | EF30 | A/C Compressor     | SB08 | ESP/ABS        |
| EF13 | Oxygen Sensor                   | EF31 | Fuel Pump          | SB09 | ACC            |
| EF14 | Ignition Coil                   | EF32 | -                  | MF01 | Alternator     |
| EF15 | Shipping Fuse                   | EF33 | Left Low Beam      | MF02 | Low-speed Fan  |
| EF16 | BCM                             | EF34 | Right Low Beam     | MF03 | High-speed Fan |
| EF17 | Sunroof                         | EF35 | Control Valve      | MF04 | -              |

|      |   |      |   |      |                                          |
|------|---|------|---|------|------------------------------------------|
| EF18 | - | EF36 | - | MF05 | Instrument Panel Relay and Fuse Box (B+) |
|------|---|------|---|------|------------------------------------------|

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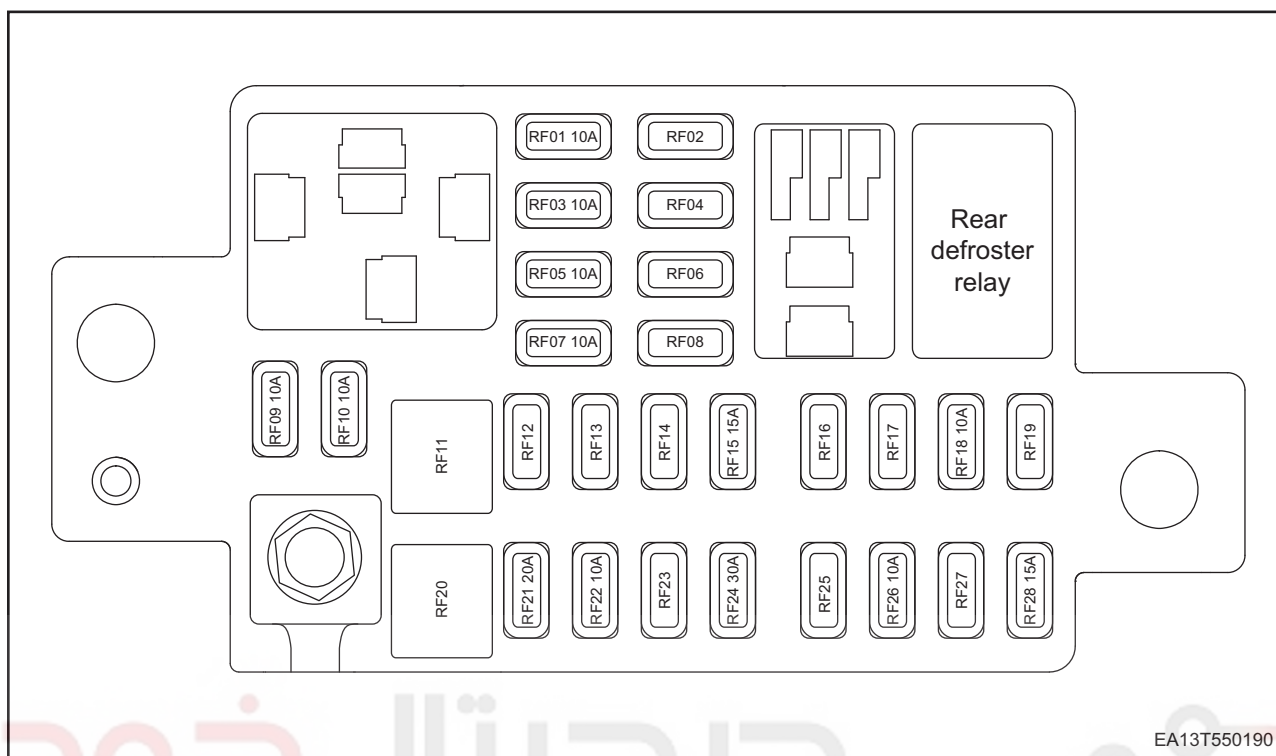


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## Instrument Panel Fuse and Relay box

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| No.  | Description                               | No.  | Description                                                    | No.  | Description                                   |
|------|-------------------------------------------|------|----------------------------------------------------------------|------|-----------------------------------------------|
| RF01 | BCM/Instrument Cluster/Engine Immobilizer | RF11 | -                                                              | RF21 | AM2                                           |
| RF02 | -                                         | RF12 | -                                                              | RF22 | AM1                                           |
| RF03 | SAS                                       | RF13 | -                                                              | RF23 | -                                             |
| RF04 | -                                         | RF14 | -                                                              | RF24 | Rear Window Defroster Relay                   |
| RF05 | Airbag                                    | RF15 | Diagnosis/Key Switch/Rear Window Defroster Relay               | RF25 | -                                             |
| RF06 | -                                         | RF16 | -                                                              | RF26 | Audio/Rear View Mirror Adjustment/BCM/Sunroof |
| RF07 | Audio/A/C Panel/Headlight Leveling Motor  | RF17 | -                                                              | RF27 | -                                             |
| RF08 | -                                         | RF18 | Rear View Mirror Heater/Rear Window Defroster Switch Indicator | RF28 | Backup Power Supply                           |
| RF09 | Audio/A/C Panel                           | RF19 | -                                                              |      |                                               |
| RF10 | Instrument Cluster                        | RF20 | -                                                              |      |                                               |

# VEHICLE WIRE HARNESS LAYOUT

## General Information

### Description

Wire harness layout introduces location information of vehicle wire harness and electrical components in the form of graphic.

The entire vehicle wire harnesses are divided into the following parts:

- Engine wire harness
- Engine compartment wire harness (AT model)
- Engine compartment wire harness (MT model)
- Battery positive/negative wire harness
- Instrument panel wire harness
- Body wire harness
- Front left door wire harness
- Front right door wire harness
- Rear left door wire harness
- Rear right door wire harness
- Luggage compartment door wire harness
- Roof wire harness
- Manual/Power A/C wire harness
- Rear bumper wire harness

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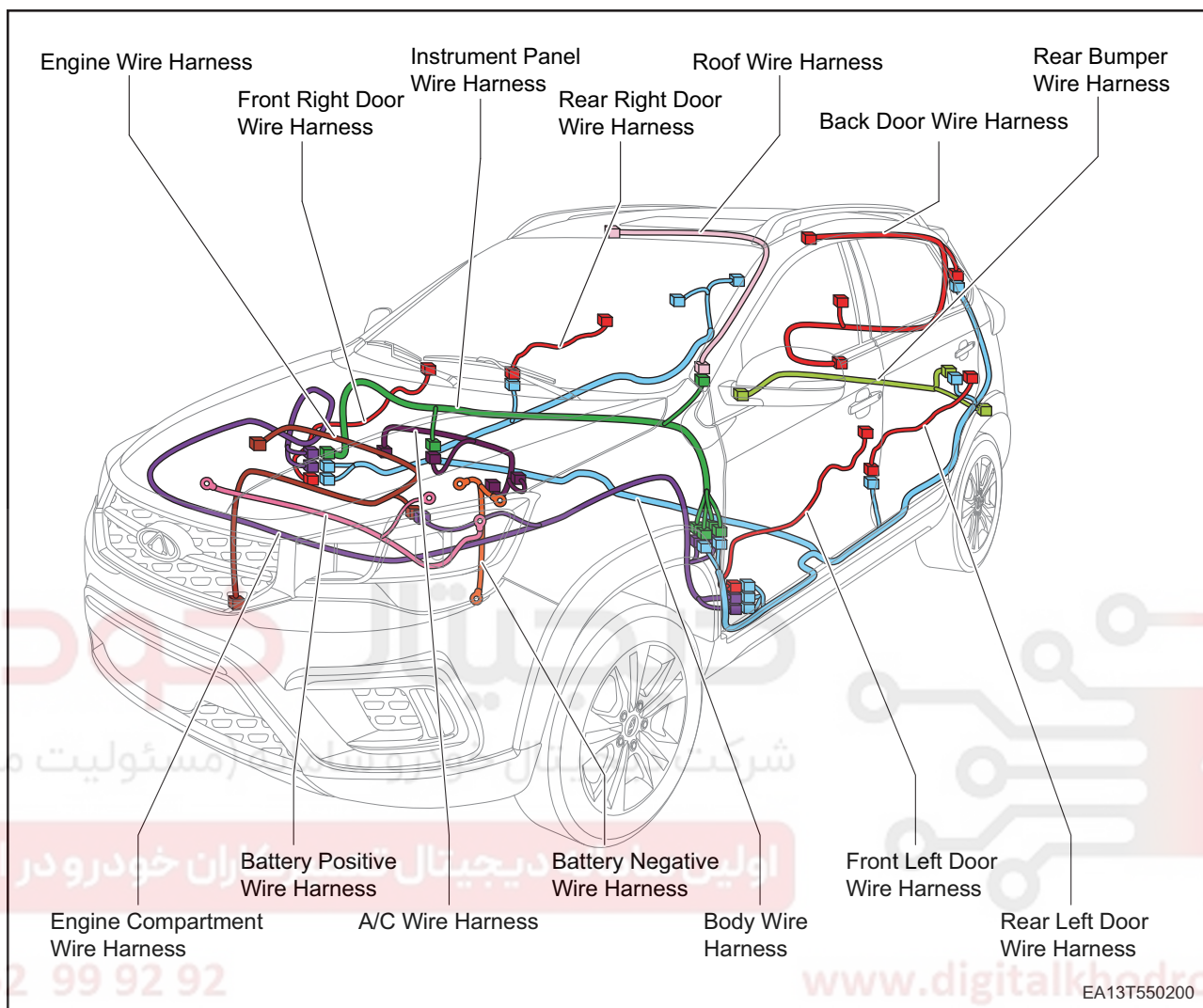
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## Vehicle Wire Harness Layout

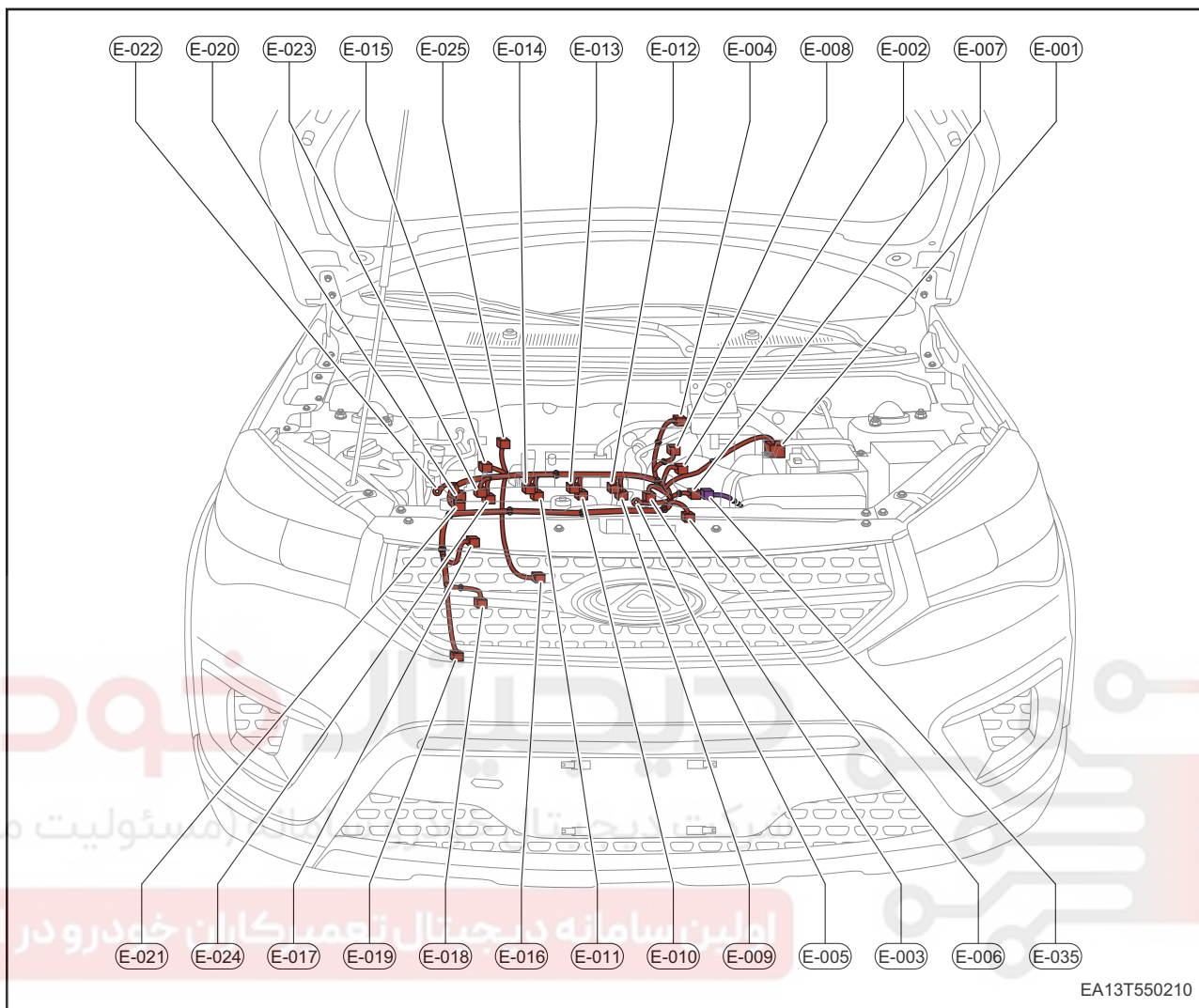
### Entire Vehicle Wire Harness Layout

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## Engine Wire Harness

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| No.   | Color/Terminal | Name                                                                       |
|-------|----------------|----------------------------------------------------------------------------|
| E-001 | B/56           | ECU Connector B                                                            |
| E-002 | B/6            | Exhaust Gas Recirculation Valve                                            |
| E-003 | B/3            | Phase Sensor                                                               |
| E-004 | B/2            | Brake Fluid Level Sensor* (Positions may be different depending on models) |
| E-005 | -              | Ground 3                                                                   |
| E-006 | B/2            | Coolant Temperature Sensor                                                 |
| E-007 | B/12           | Engine Compartment Wire Harness Interface                                  |
| E-008 | B/6            | Throttle Position Sensor                                                   |
| E-009 | B/2            | Injector 4                                                                 |
| E-010 | B/2            | Injector 3                                                                 |
| E-011 | B/2            | Injector 2                                                                 |
| E-012 | B/3            | Ignition Coil 4                                                            |
| E-013 | B/3            | Ignition Coil 3                                                            |

| No.   | Color/Terminal | Name                    |
|-------|----------------|-------------------------|
| E-014 | B/3            | Ignition Coil 2         |
| E-015 | B/2            | Canister Solenoid Valve |
| E-016 | B/1            | Oil Pressure Switch     |
| E-017 | B/3            | Alternator Signal       |
| E-018 | B/2            | A/C Compressor Clutch   |
| E-019 | B/1            | Power Steering          |
| E-020 | B/2            | VVT Solenoid Valve      |
| E-021 | B/3            | Knock Sensor            |
| E-022 | -              | Ground 2                |
| E-023 | B/3            | Ignition Coil 1         |
| E-024 | B/2            | Injector 1              |
| E-025 | B/4            | Air Pressure Sensor     |

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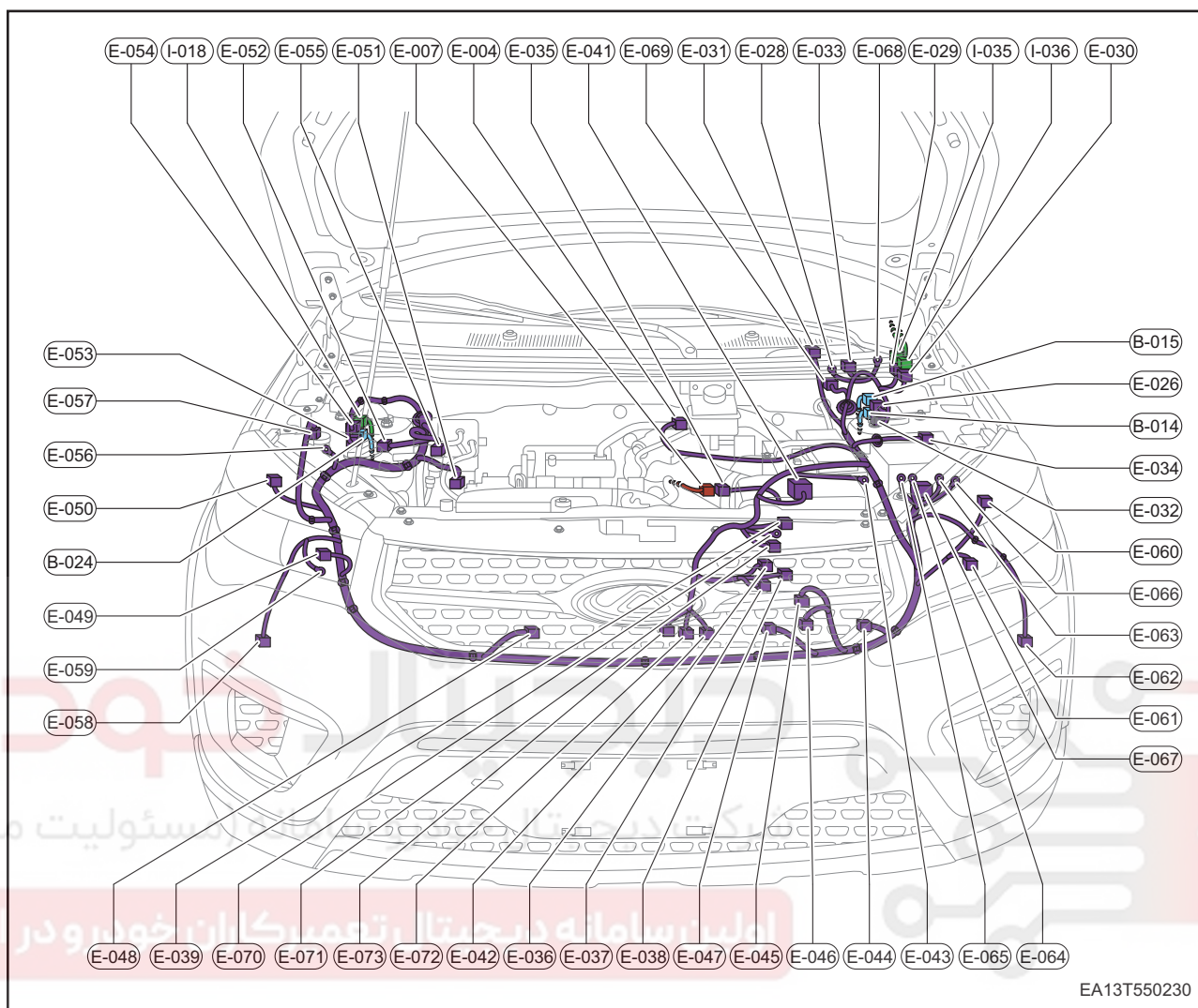
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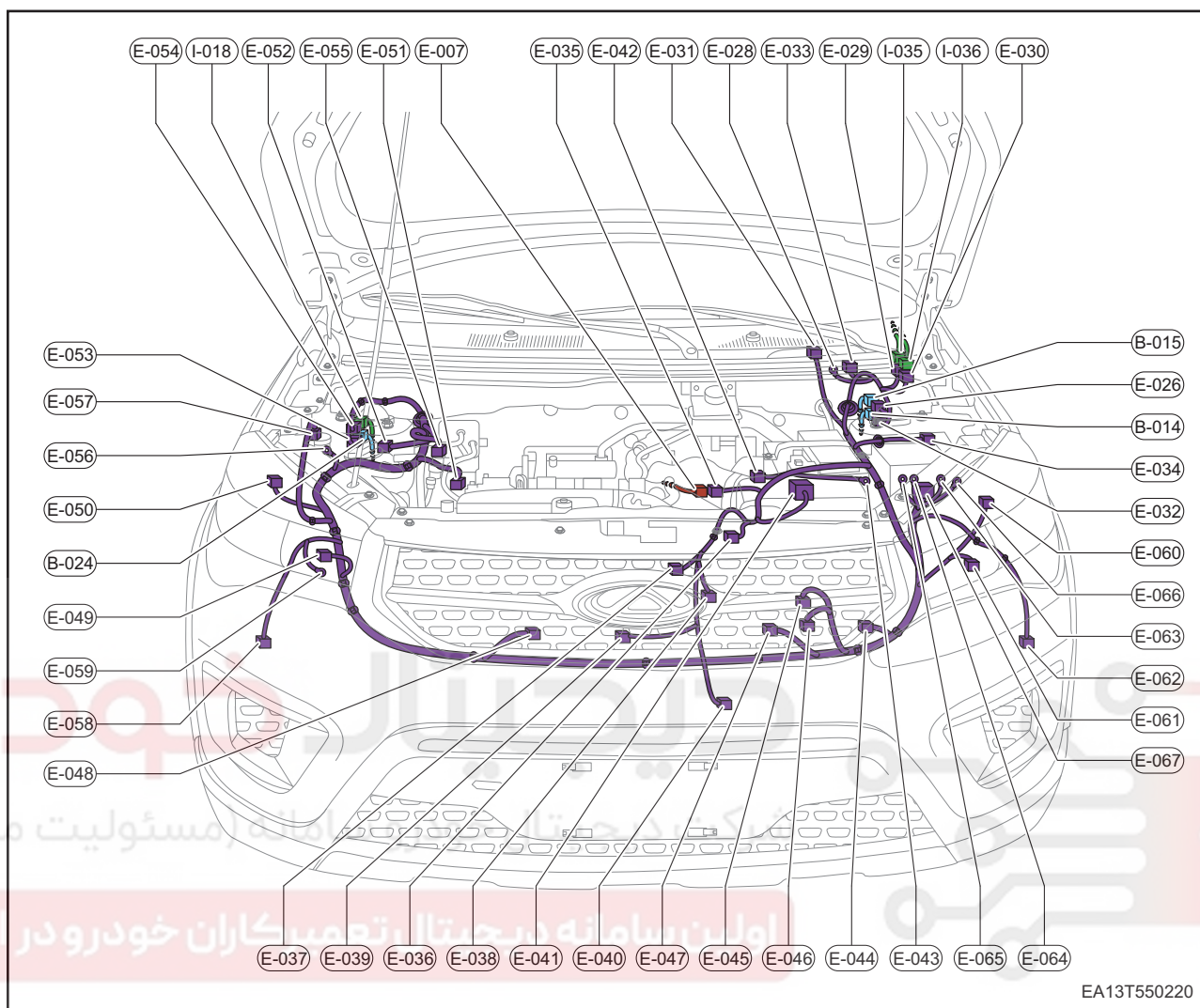
## Engine Compartment Wire Harness (AT model)



| No.   | Color/Terminal | Name                                                                       |
|-------|----------------|----------------------------------------------------------------------------|
| E-004 | B/2            | Brake Fluid Level Sensor* (Positions may be different depending on models) |
| E-026 | W/16           | Interior Wire Harness Interface A                                          |
| E-028 | -              | Instrument Panel Relay and Fuse Box Power Supply                           |
| E-029 | W/16           | Instrument Panel Wire Harness Interface B                                  |
| E-030 | B/18           | Instrument Panel Wire Harness Interface A                                  |
| E-031 | B/5            | Wiper Motor                                                                |
| E-032 | W/18           | Interior Wire Harness Interface E                                          |
| E-033 | W/12           | Body Controller D                                                          |
| E-034 | B/2            | Front Left ABS Wheel Speed Sensor                                          |
| E-035 | B/12           | Engine Wire Harness Interface                                              |
| E-036 | Gr/2           | Thermostat Assembly                                                        |
| E-037 | B/4            | Upstream Oxygen Sensor                                                     |
| E-038 | B/4            | Downstream Oxygen Sensor                                                   |

| No.   | Color/Terminal | Name                                             |
|-------|----------------|--------------------------------------------------|
| E-039 | B/3            | Speed Sensor                                     |
| E-041 | B/56           | ECU Connector A                                  |
| E-042 | B/1            | Starter Control Wire                             |
| E-043 | -              | Ground 4                                         |
| E-044 | B/2            | Anti-theft Horn                                  |
| E-045 | B/3            | Cooling Fan                                      |
| E-046 | B/3            | Engine Compartment Contact Switch                |
| E-047 | Gr/2           | High Pitched Horn                                |
| E-048 | Gr/2           | Low Pitched Horn                                 |
| E-049 | B/10           | Right Combination Light                          |
| E-050 | B/3            | Right Headlight Leveling Motor                   |
| E-051 | B/38           | ESP Controller                                   |
| E-052 | B/2            | Front Right ABS Wheel Speed Sensor               |
| E-053 | W/16           | Interior Wire Harness Interface B                |
| E-054 | W/10           | Interior Wire Harness Interface C                |
| E-055 | Gr/4           | Pressure Switch                                  |
| E-063 | -              | Instrument Panel Relay and Fuse Box Power Supply |
| E-064 | -              | High-speed Fan Power Supply                      |
| E-065 | -              | Low-speed Fan Power Supply                       |
| E-066 | -              | Ground 9                                         |
| E-067 | -              | Engine Compartment Fuse and Relay Box            |
| E-068 | -              | Ground 7                                         |
| E-069 | B/48           | TCU Interface                                    |
| E-070 | -              | Ground 5                                         |
| E-071 | B/3            | Turbine Speed Sensor                             |
| E-072 | Gr/10          | Solenoid Valve and Temperature Sensor            |
| E-073 | B/10           | Gear Switch                                      |

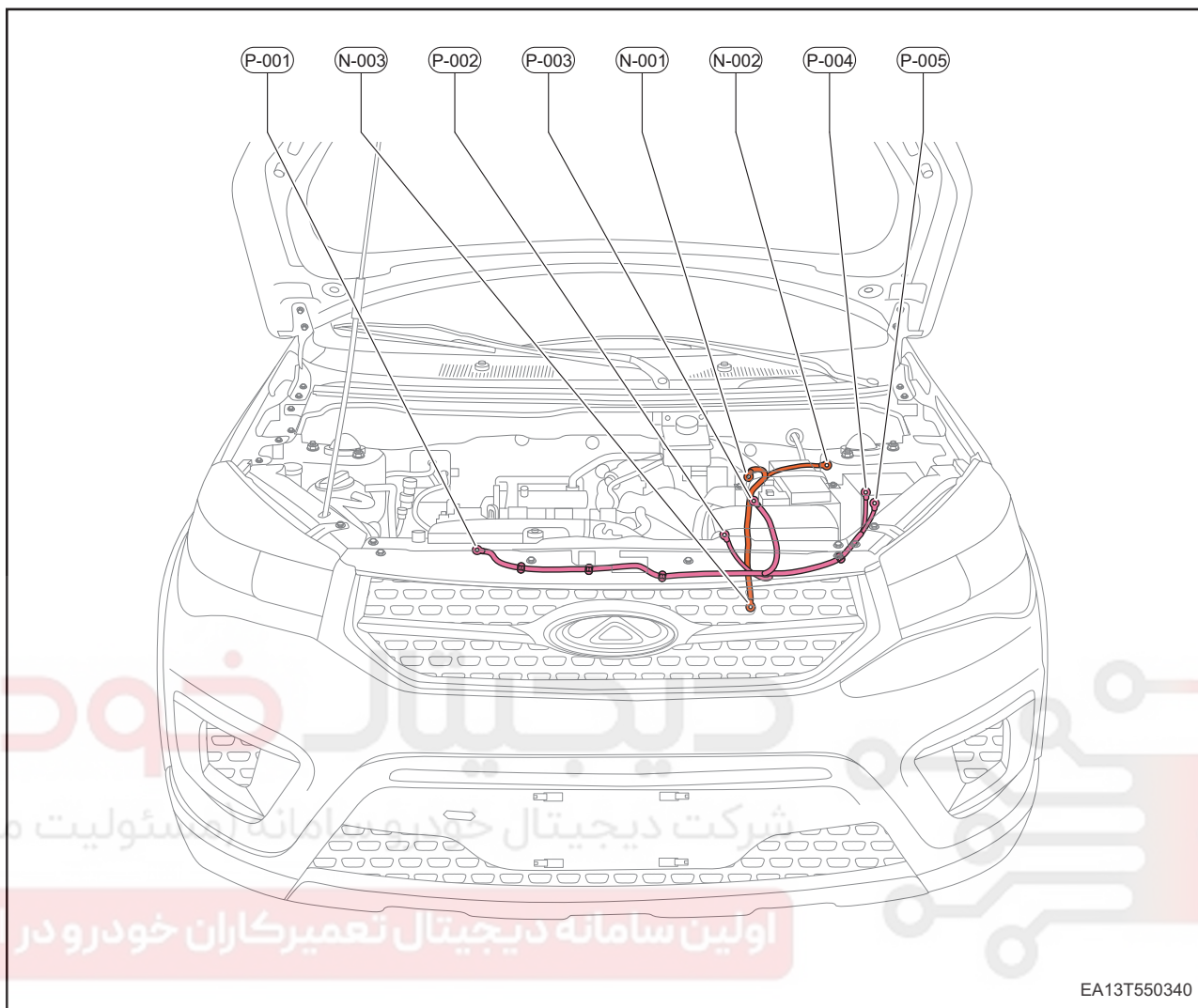
## Engine Compartment Wire Harness (MT model)



| No.   | Color/Terminal | Name                                             |
|-------|----------------|--------------------------------------------------|
| E-026 | W/16           | Interior Wire Harness Interface A                |
| E-028 | -              | Instrument Panel Relay and Fuse Box Power Supply |
| E-029 | W/16           | Instrument Panel Wire Harness Interface B        |
| E-030 | B/18           | Instrument Panel Wire Harness Interface A        |
| E-031 | B/5            | Wiper Motor                                      |
| E-032 | W/18           | Interior Wire Harness Interface E                |
| E-033 | W/12           | Body Controller D                                |
| E-034 | B/2            | Front Left ABS Wheel Speed Sensor                |
| E-035 | B/12           | Engine Wire Harness Interface                    |
| E-036 | Gr/2           | Thermostat Assembly                              |
| E-037 | B/4            | Upstream Oxygen Sensor                           |
| E-038 | B/4            | Downstream Oxygen Sensor                         |
| E-039 | B/3            | Speed Sensor                                     |

| No.   | Color/Terminal | Name                                             |
|-------|----------------|--------------------------------------------------|
| E-040 | B/2            | Back-up Light Switch                             |
| E-041 | B/56           | ECU Connector A                                  |
| E-042 | B/1            | Starter Control Wire                             |
| E-043 | -              | Ground 4                                         |
| E-044 | B/2            | Anti-theft Horn                                  |
| E-045 | B/3            | Cooling Fan                                      |
| E-046 | B/3            | Engine Compartment Contact Switch                |
| E-047 | Gr/2           | High Pitched Horn                                |
| E-048 | Gr/2           | Low Pitched Horn                                 |
| E-049 | B/10           | Right Combination Light                          |
| E-050 | B/3            | Right Headlight Leveling Motor                   |
| E-051 | B/38           | ESP Controller                                   |
| E-052 | B/2            | Front Right ABS Wheel Speed Sensor               |
| E-053 | W/16           | Interior Wire Harness Interface B                |
| E-054 | W/10           | Interior Wire Harness Interface C                |
| E-055 | Gr/4           | Pressure Switch                                  |
| E-063 | -              | Instrument Panel Relay and Fuse Box Power Supply |
| E-064 | -              | High-speed Fan Power Supply                      |
| E-065 | -              | Low-speed Fan Power Supply                       |
| E-066 | -              | Ground 9                                         |
| E-067 | -              | Engine Compartment Fuse and Relay Box            |

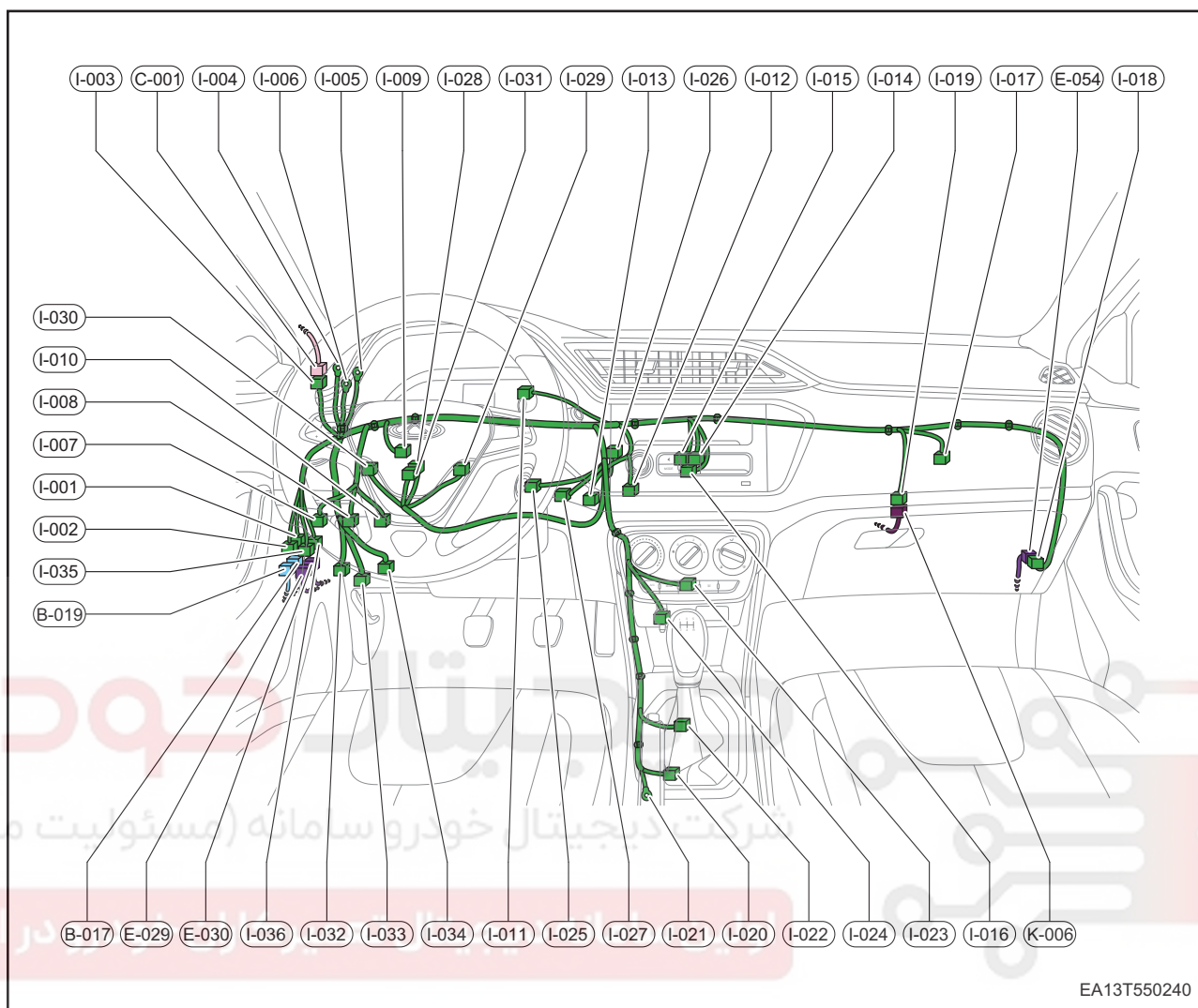
## Battery Positive/Negative Wire Harness



| No.   | Color/Terminal | Name                                             |
|-------|----------------|--------------------------------------------------|
| P-001 | -              | Alternator                                       |
| P-002 | -              | Starter                                          |
| P-003 | -              | Battery Positive Pole                            |
| P-004 | -              | Center Relay and Fuse Box Pole                   |
| P-005 | -              | Center Relay and Fuse Box Interface - Alternator |
| N-001 | -              | Battery Negative                                 |
| N-002 | -              | Body Negative                                    |
| N-003 | -              | Transmission Negative                            |

## Instrument Panel Wire Harness

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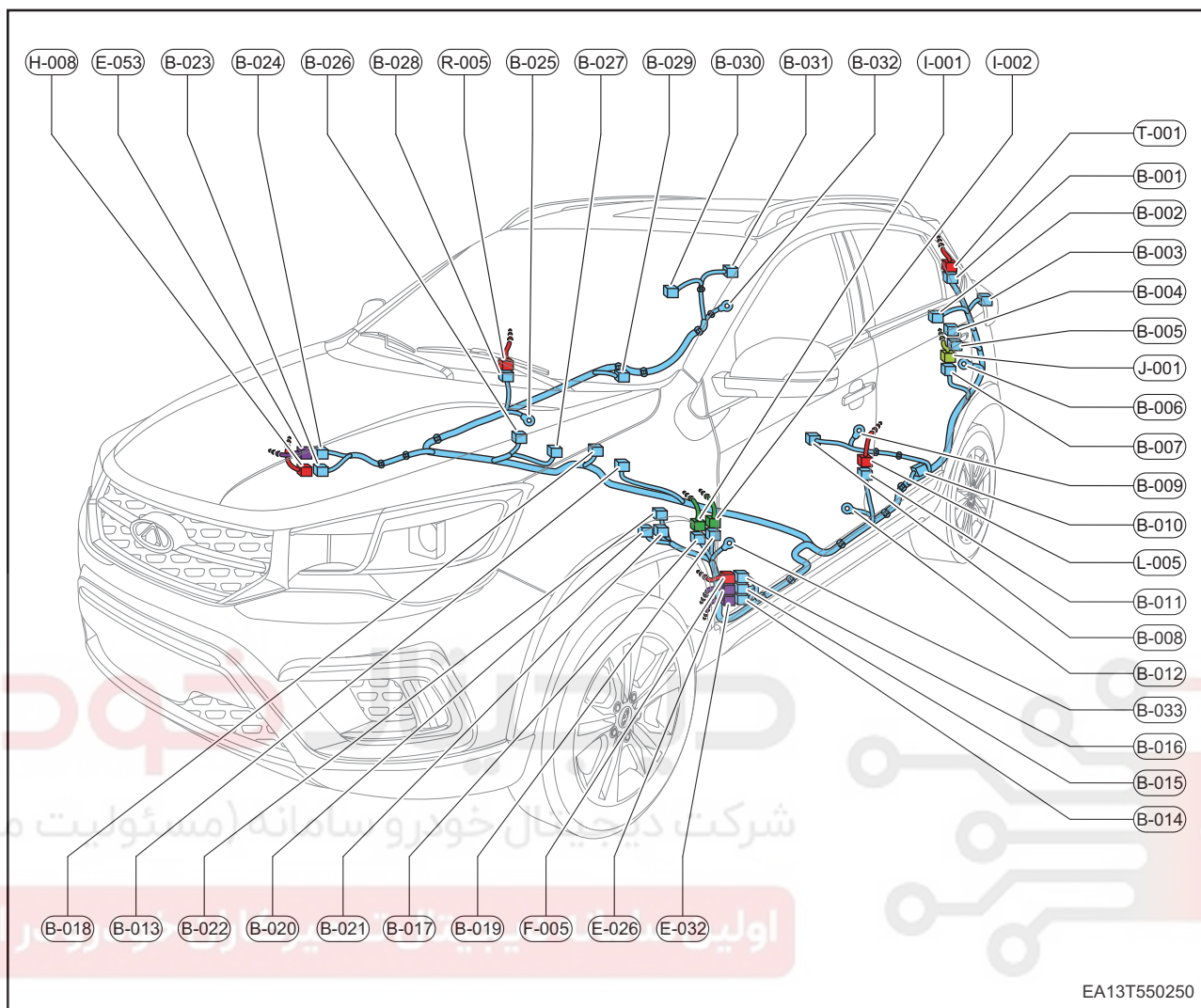
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| No.   | Color/Terminal | Name                                 |
|-------|----------------|--------------------------------------|
| I-001 | W/18           | Interior Wire Harness Interface A    |
| I-002 | W/20           | Interior Wire Harness Interface B    |
| I-003 | W/10           | Interior Wire Harness Interface B    |
| I-004 | -              | Ground 1                             |
| I-005 | -              | Ground 2                             |
| I-006 | -              | Ground 3                             |
| I-007 | W/6            | Headlight Leveling Switch            |
| I-008 | B/10           | Electric Rear View Mirror Adjustment |
| I-009 | B/2            | Clutch Switch Connector              |
| I-010 | W/8            | ECO Switch                           |
| I-011 | L/32           | Instrument Cluster                   |
| I-012 | B/6            | Accelerator Pedal Position Sensor    |
| I-013 | B/4            | Brake Switch                         |

| No.   | Color/Terminal | Name                                        |
|-------|----------------|---------------------------------------------|
| I-014 | Y/8            | Radio A                                     |
| I-015 | B/8            | Radio B                                     |
| I-016 | L/12           | Radio C                                     |
| I-017 | BYG/2          | to Front Passenger Airbag Connector         |
| I-018 | W/10           | Engine Compartment Wire Harness Interface C |
| I-019 | W/15           | to A/C Wire Harness                         |
| I-020 | Gr/32          | Airbag                                      |
| I-021 | -              | Ground 4                                    |
| I-022 | B/11           | Gear Shift Mechanism                        |
| I-023 | B/16           | Integration Switch                          |
| I-024 | W/2            | Backup Power Supply                         |
| I-025 | W/6            | Ignition Switch                             |
| I-026 | W/3            | Anti-theft Module (Coil)                    |
| I-027 | W/4            | Jiggle Switch                               |
| I-028 | B/6            | Steering Angle Sensor                       |
| I-029 | B/10           | Wiper Switch                                |
| I-030 | B/10           | Combination Light Switch                    |
| I-031 | W/16           | Clock Spring                                |
| I-032 | -              | Instrument Panel Relay and Fuse Box         |
| I-033 | B/16           | Diagnosis Module                            |
| I-034 | W/24           | Body Controller B                           |
| I-035 | W/16           | Engine Compartment Wire Harness Interface B |
| I-036 | B/18           | Engine Compartment Wire Harness Interface A |

## Body Wire Harness

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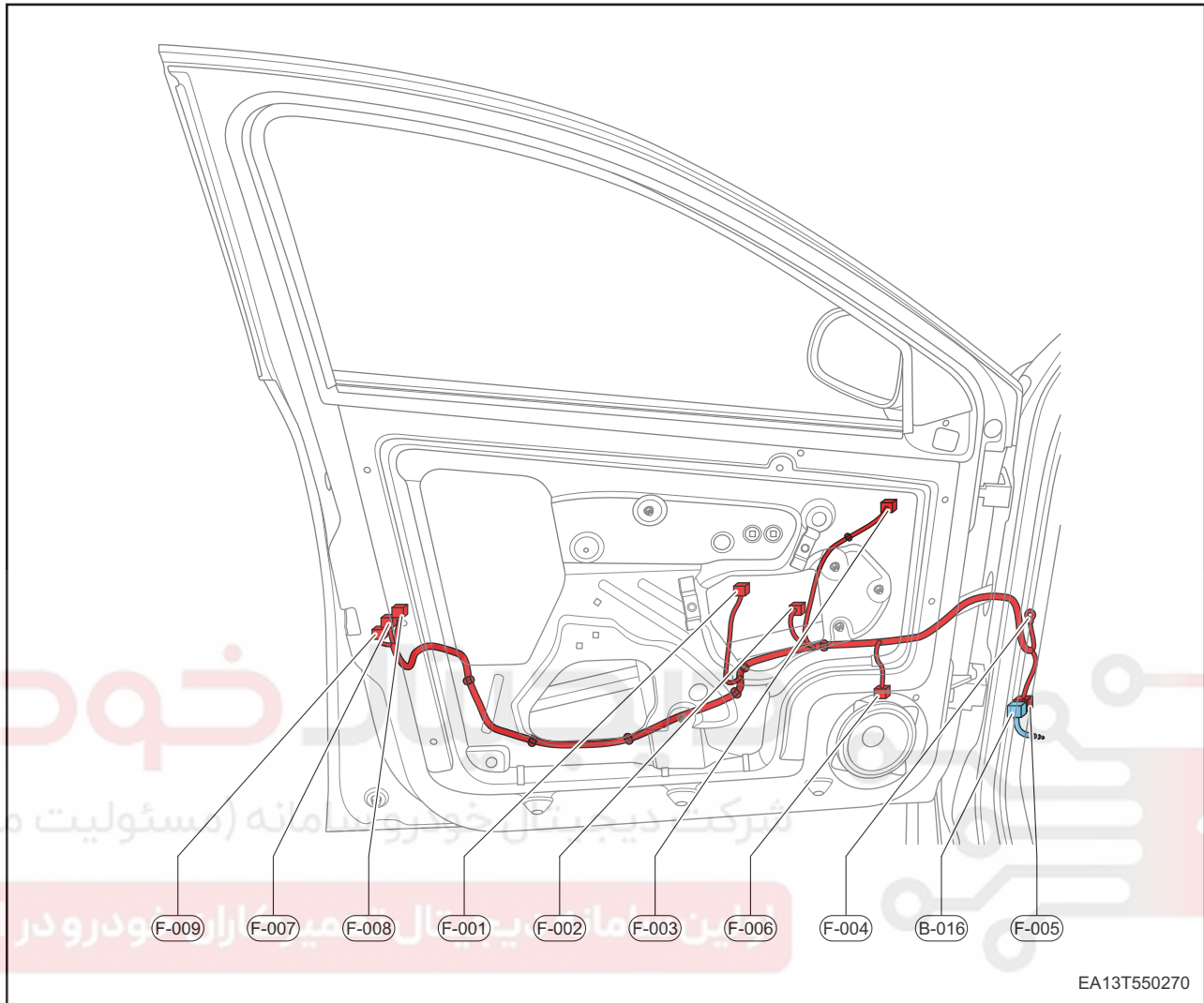
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| No.   | Color/Terminal | Name                                     |
|-------|----------------|------------------------------------------|
| B-001 | W/10           | to Luggage Compartment Door Wire Harness |
| B-002 | B/2            | Rear Left Speaker                        |
| B-003 | W/6            | Rear Left Combination Light              |
| B-004 | W/16           | Radar Module                             |
| B-005 | B/2            | Luggage Compartment Light                |
| B-006 | -              | Ground 15                                |
| B-007 | W/14           | Rear Bumper Wire Harness Interface       |
| B-008 | B/4            | Fuel Pump/Level Sensor                   |
| B-009 | -              | Ground 14                                |
| B-010 | W/2            | Rear Left ABS Wheel Speed Sensor         |
| B-011 | W/10           | Rear Left Door Wire Harness Interface    |
| B-012 | -              | Ground 16                                |
| B-013 | B/2            | Driver Seat Belt Switch                  |

| No.   | Color/Terminal | Name                                        |
|-------|----------------|---------------------------------------------|
| B-014 | W/18           | Engine Compartment Wire Harness Interface E |
| B-015 | W/16           | Engine Compartment Wire Harness Interface A |
| B-016 | W/26           | Front Left Door Wire Harness Interface      |
| B-017 | W/18           | Instrument Panel Wire Harness Interface A   |
| B-018 | W/1            | Parking Brake Switch                        |
| B-019 | W/20           | Instrument Panel Wire Harness Interface B   |
| B-020 | B/14           | Body Controller C                           |
| B-021 | W/20           | Body Controller E                           |
| B-022 | B/52           | Body Controller A                           |
| B-023 | W/18           | Front Right Door Wire Harness Interface     |
| B-024 | W/16           | Engine Compartment Wire Harness Interface B |
| B-025 | -              | Ground 17                                   |
| B-026 | W/2            | Occupant Detection Cushion                  |
| B-027 | B/2            | Front Passenger Seat Belt Switch            |
| B-028 | W/10           | Rear Right Door Wire Harness Interface      |
| B-029 | W/2            | Rear Right ABS Wheel Speed Sensor           |
| B-030 | B/2            | Rear Right Speaker                          |
| B-031 | W/6            | Rear Right Combination Light                |
| B-032 | -              | Ground 18                                   |
| B-033 | -              | Ground 19                                   |

## Front Left Door Wire Harness

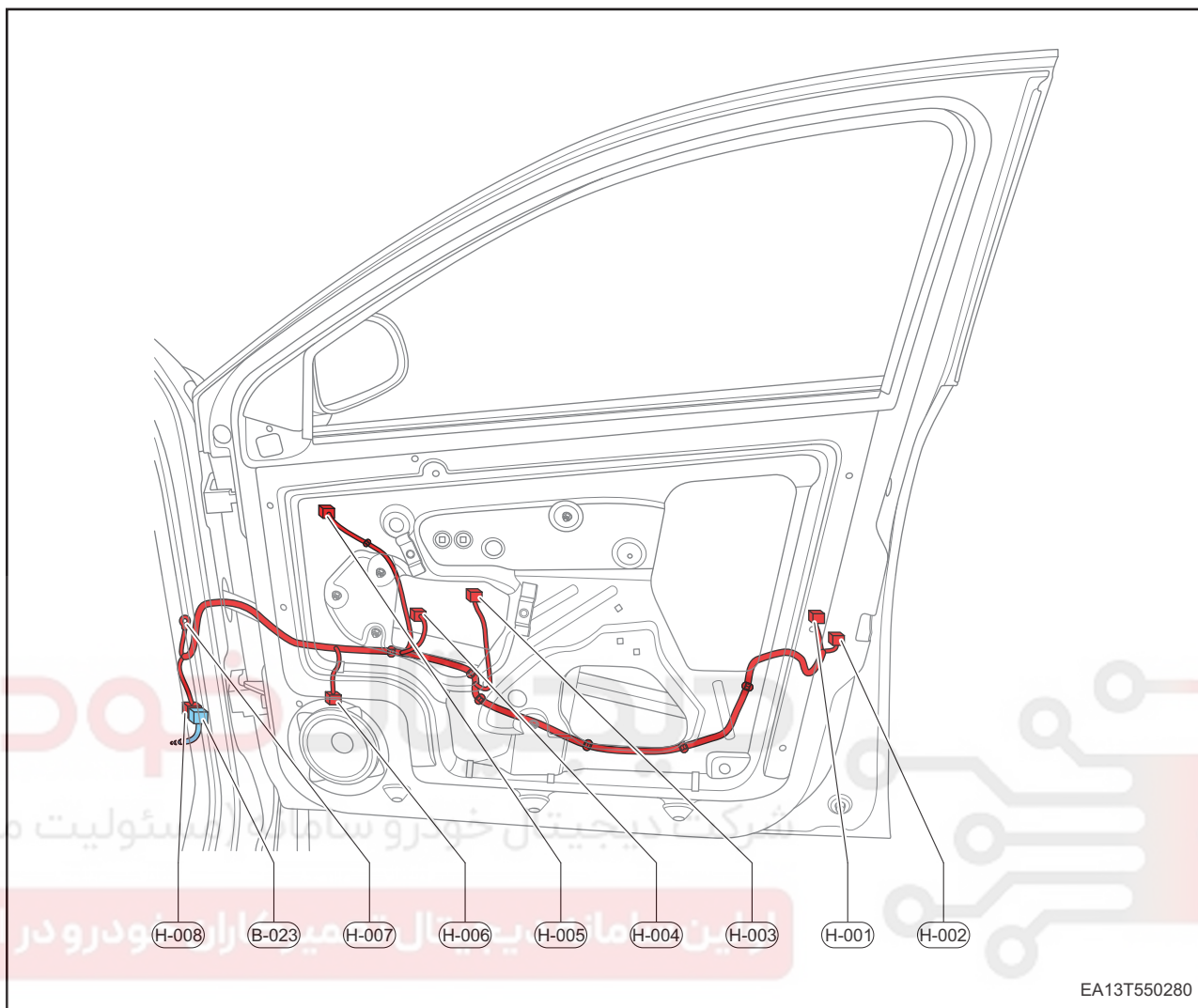
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| No.   | Color/Terminal | Name                            |
|-------|----------------|---------------------------------|
| F-001 | Y/16           | Glass Regulating Switch         |
| F-002 | Gr/2           | Left Glass Regulator Motor      |
| F-003 | W/6            | Left Rear View Mirror Connector |
| F-004 | -              | Ground 1                        |
| F-005 | W/26           | Interior Wire Harness Interface |
| F-006 | B/2            | Front Left Speaker              |
| F-007 | B/3            | Central Lock                    |
| F-008 | B/3            | Front Left Door Lock Motor      |
| F-009 | B/2            | Front Left Door Contact Switch  |

## Front Right Door Wire Harness

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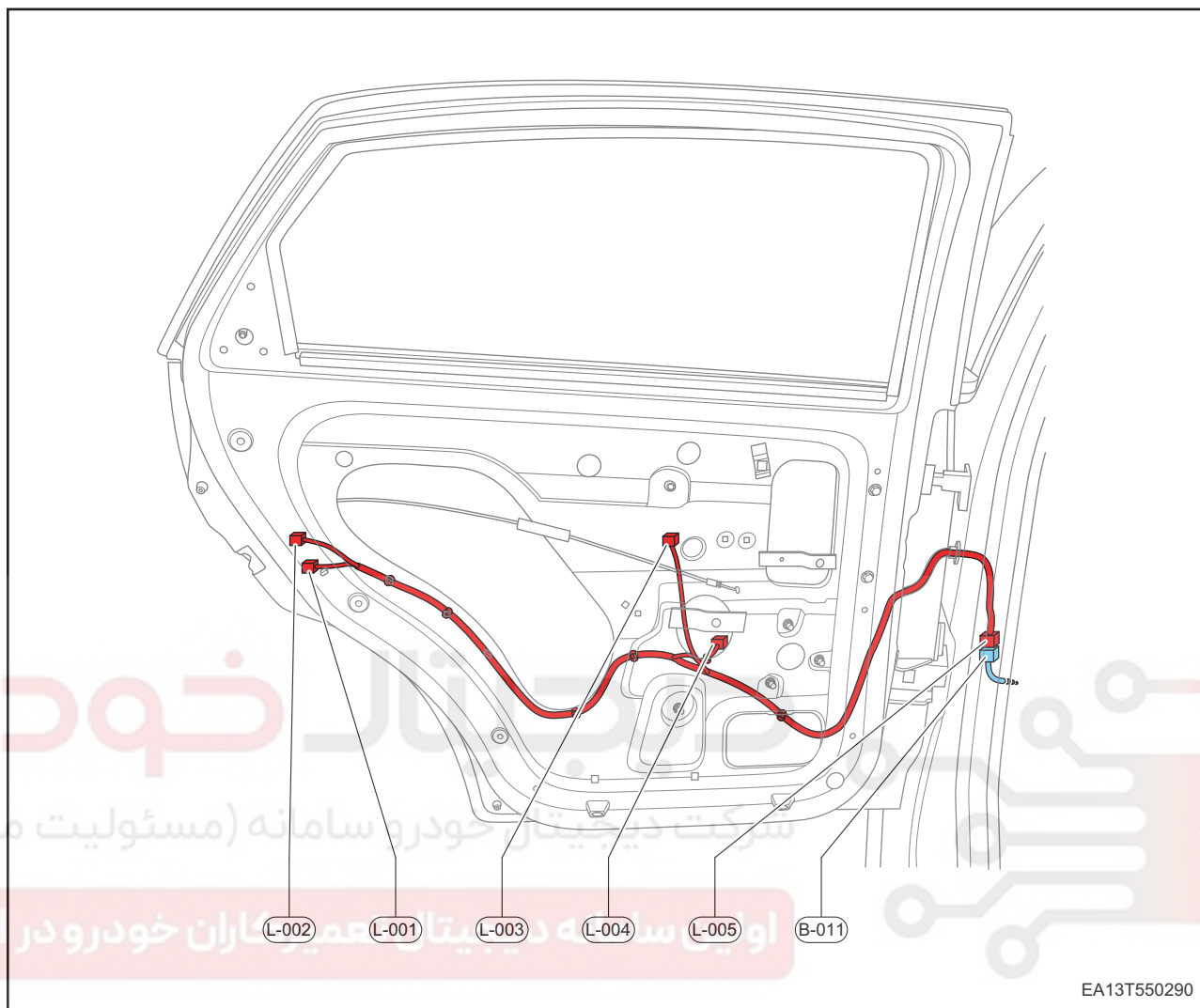


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| No.   | Color/Terminal | Name                                     |
|-------|----------------|------------------------------------------|
| H-001 | B/3            | Front Right Door Lock Motor              |
| H-002 | B/2            | Front Right Door Contact Switch          |
| H-003 | L/4            | Front Right Door Glass Regulating Switch |
| H-004 | Gr/2           | Right Glass Regulator Motor              |
| H-005 | W/6            | Right Rear View Mirror Connector         |
| H-006 | B/2            | Front Right Speaker                      |
| H-007 | -              | Ground 1                                 |
| H-008 | W/18           | Interior Wire Harness Interface          |

## Rear Left Door Wire Harness

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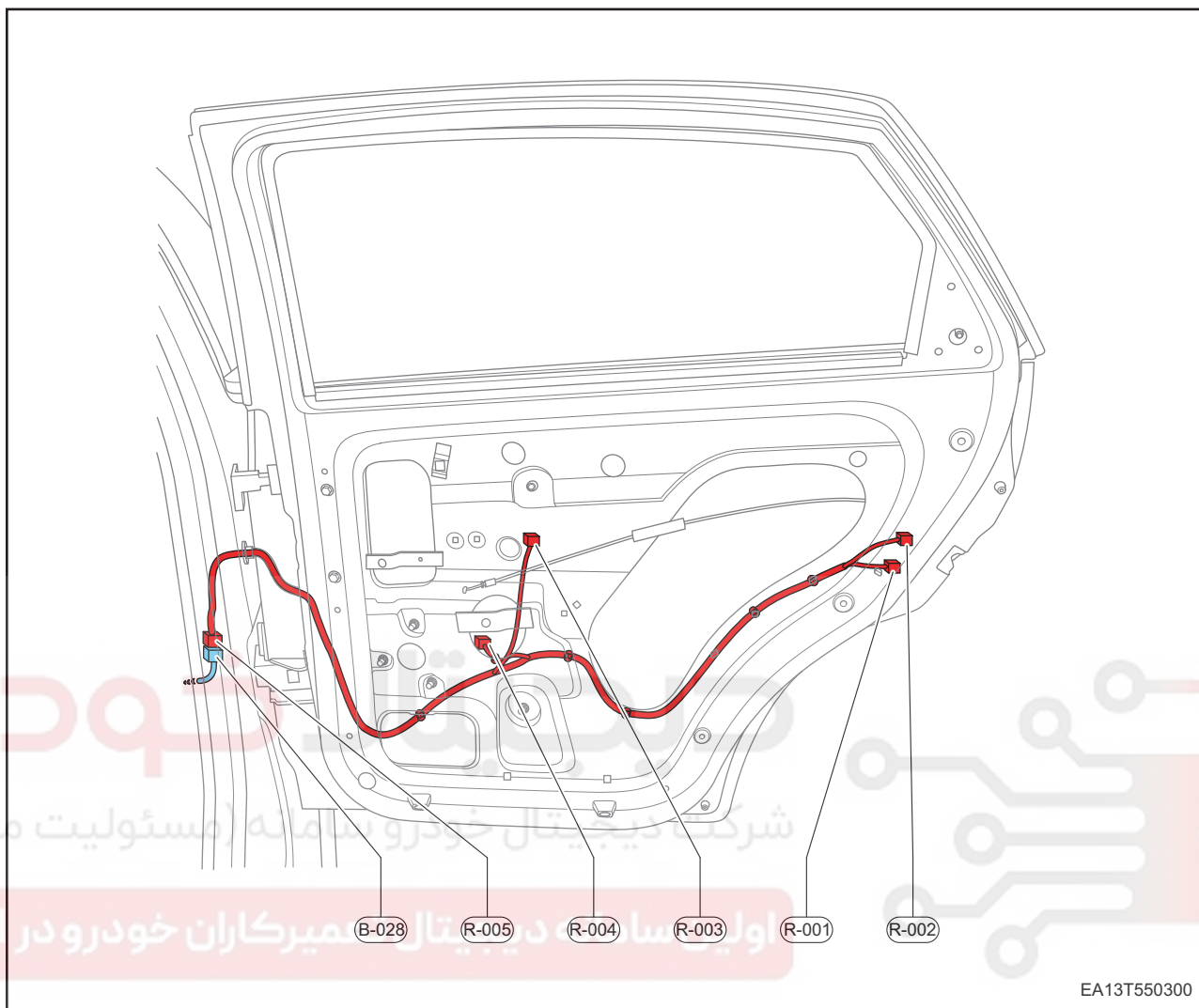


EA13T550290

| No.   | Color/Terminal | Name                                 |
|-------|----------------|--------------------------------------|
| L-001 | B/2            | Rear Left Door Contact Switch        |
| L-002 | B/3            | Rear Left Door Lock Motor Connector  |
| L-003 | Gr/2           | Left Glass Regulator Motor Connector |
| L-004 | L/4            | Glass Regulating Switch              |
| L-005 | W/10           | Interior Wire Harness Connector      |

## Rear Right Door Wire Harness

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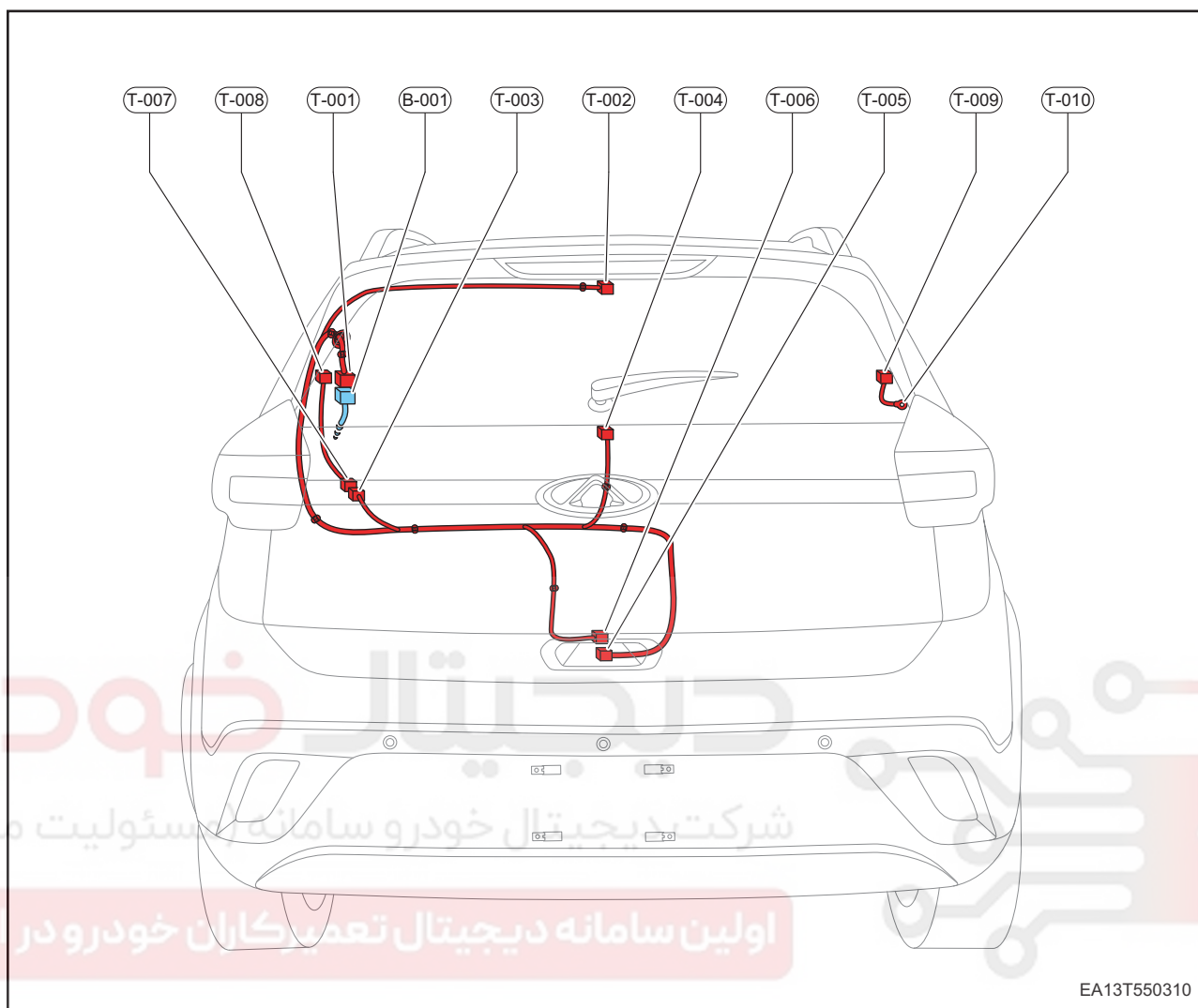


EA13T550300

| No.   | Color/Terminal | Name                                     |
|-------|----------------|------------------------------------------|
| R-001 | B/2            | Rear Right Door Contact Switch Connector |
| R-002 | B/3            | Rear Right Door Lock Motor Connector     |
| R-003 | Gr/2           | Right Glass Regulator Motor Connector    |
| R-004 | L/4            | Glass Regulating Switch                  |
| R-005 | W/10           | Interior Wire Harness Connector          |

## Luggage Compartment Door Wire Harness

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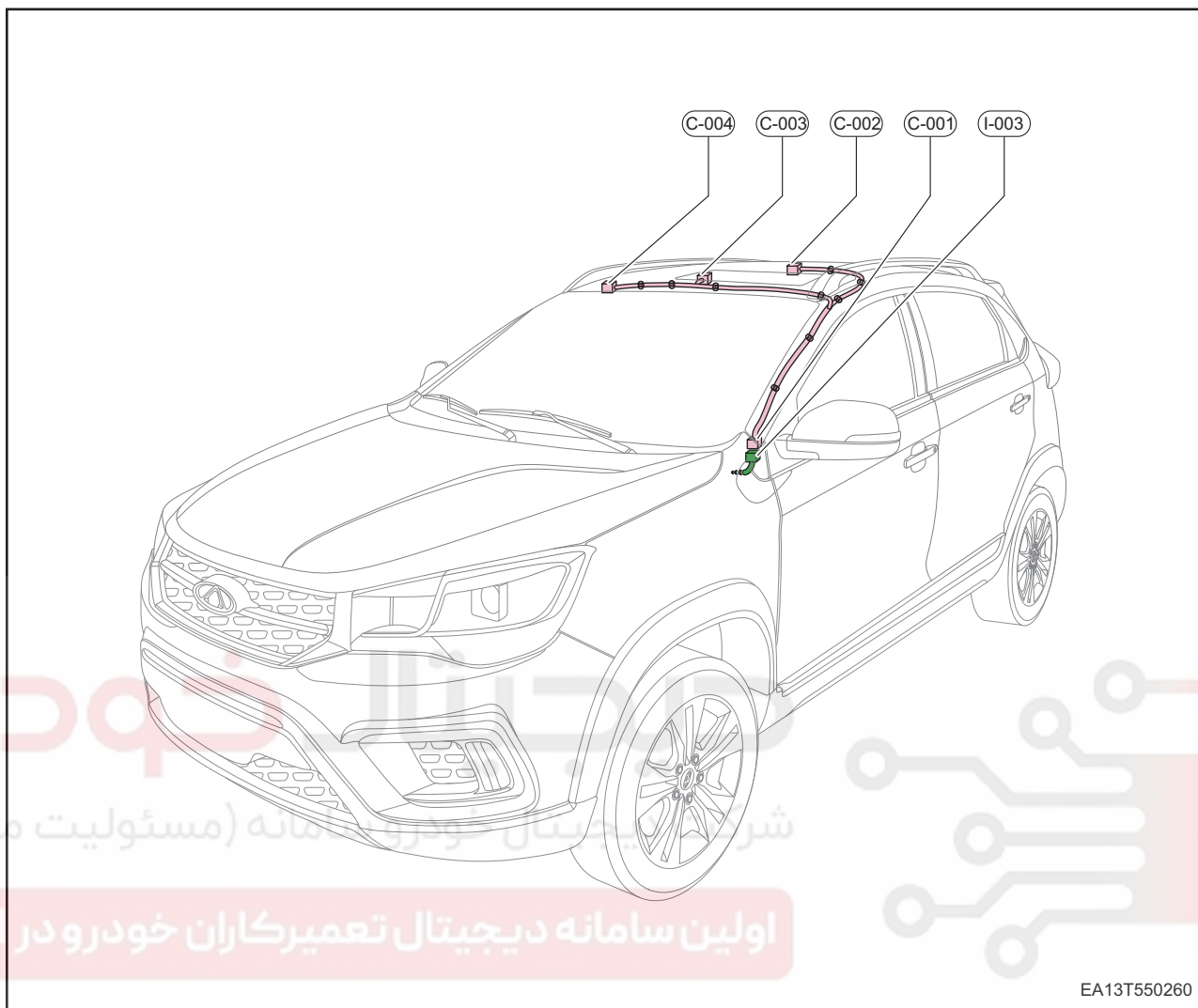


EA13T550310

| No.   | Color/Terminal | Name                                           |
|-------|----------------|------------------------------------------------|
| T-001 | W/10           | Interior Wire Harness Connector                |
| T-002 | W/2            | High Mounted Stop Light                        |
| T-003 | W/1            | to Rear Window Defroster Positive Wire Harness |
| T-004 | W/3            | Rear Wiper Motor                               |
| T-005 | B/2            | Luggage Compartment Door Opener Switch         |
| T-006 | B/4            | Luggage Compartment Door Lock Motor            |
| T-007 | W/1            | to Luggage Compartment Door Wire Harness       |
| T-008 | B/1            | Rear Window Defroster Positive                 |
| T-009 | B/1            | Rear Window Defroster Negative                 |
| T-010 | -              | Rear Window Defroster Ground                   |

## Roof Wire Harness

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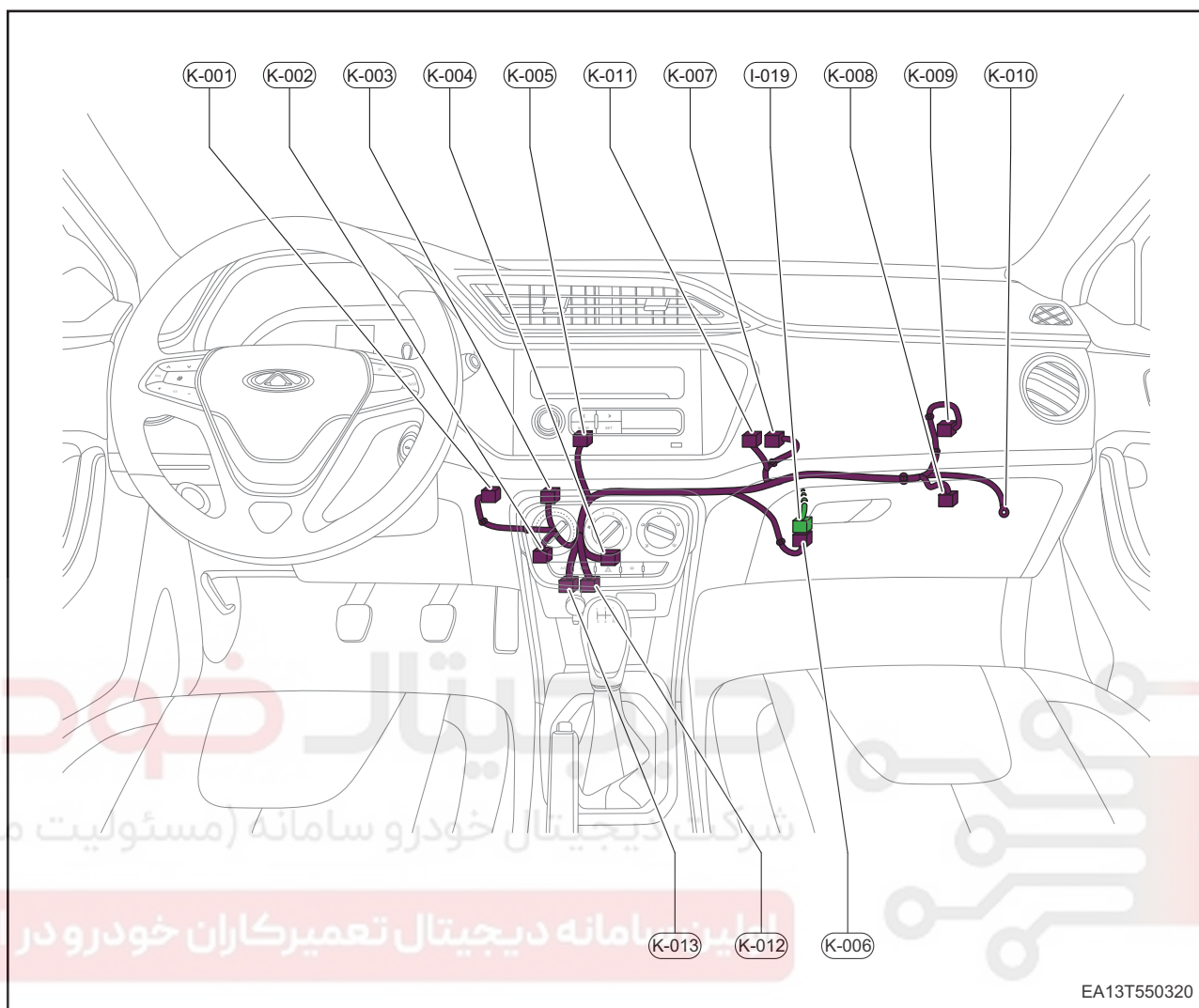


EA13T550260

| No.   | Color/Terminal | Name                                    |
|-------|----------------|-----------------------------------------|
| C-001 | W/10           | Instrument Panel Wire Harness Interface |
| C-002 | W/6            | Sunroof Module                          |
| C-003 | W/6            | Front Dome Light                        |
| C-004 | W/1            | Antenna Amplifier                       |

## Manual/Power A/C Wire Harness

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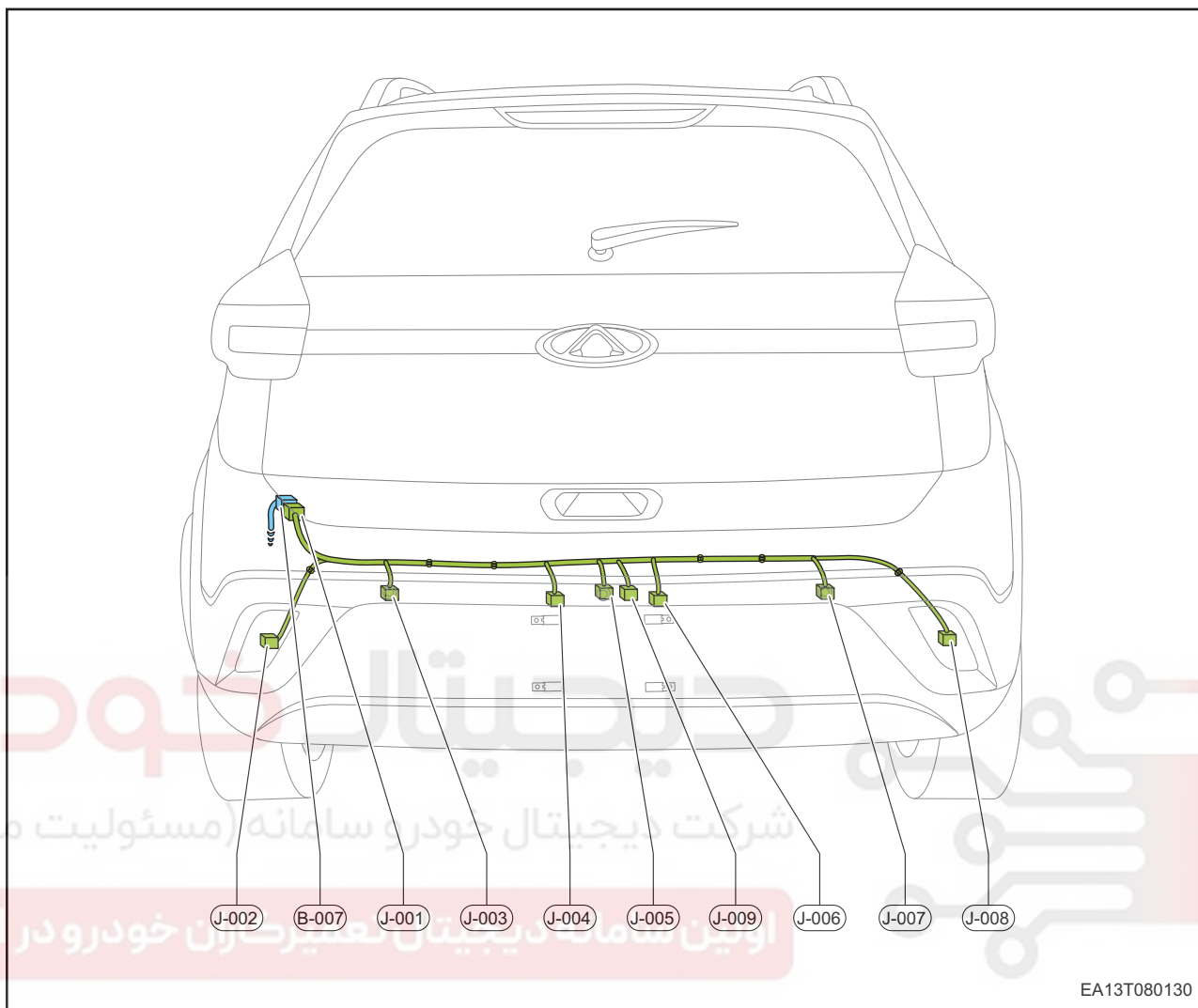


EA13T550320

| No.   | Color/Terminal | Name                             |
|-------|----------------|----------------------------------|
| K-001 | W/7            | Defrost Damper Motor             |
| K-002 | W/2            | Evaporator Temperature Sensor    |
| K-003 | W/7            | Face Damper Motor                |
| K-004 | L/32           | Power A/C Panel                  |
| K-005 | W/6            | Mix Damper Motor                 |
| K-006 | W/15           | to Instrument Panel Wire Harness |
| K-007 | B/3            | Speed Regulator Module           |
| K-008 | W/2            | Blower                           |
| K-009 | W/7            | Inner/Outer Circulation Motor    |
| K-010 | -              | Ground                           |
| K-011 | W/5            | Speed Resistor                   |
| K-012 | W/16           | Manual A/C Panel A               |
| K-013 | W/6            | Manual A/C Panel B               |

## Rear Bumper Wire Harness

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EA13T080130

| No.   | Color/Terminal | Name                               |
|-------|----------------|------------------------------------|
| J-001 | W/14           | to Interior Wire Harness Interface |
| J-002 | Gr/2           | Rear Left Fog Light                |
| J-003 | B/3            | Left Reversing Radar Sensor        |
| J-004 | B/2            | Left License Plate Light           |
| J-005 | B/3            | Center Reversing Radar Sensor      |
| J-006 | B/2            | Right License Plate Light          |
| J-007 | B/3            | Right Reversing Radar Sensor       |
| J-008 | Gr/2           | Rear Right Fog Light               |
| J-009 | B/4            | Backup Camera                      |

# دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

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